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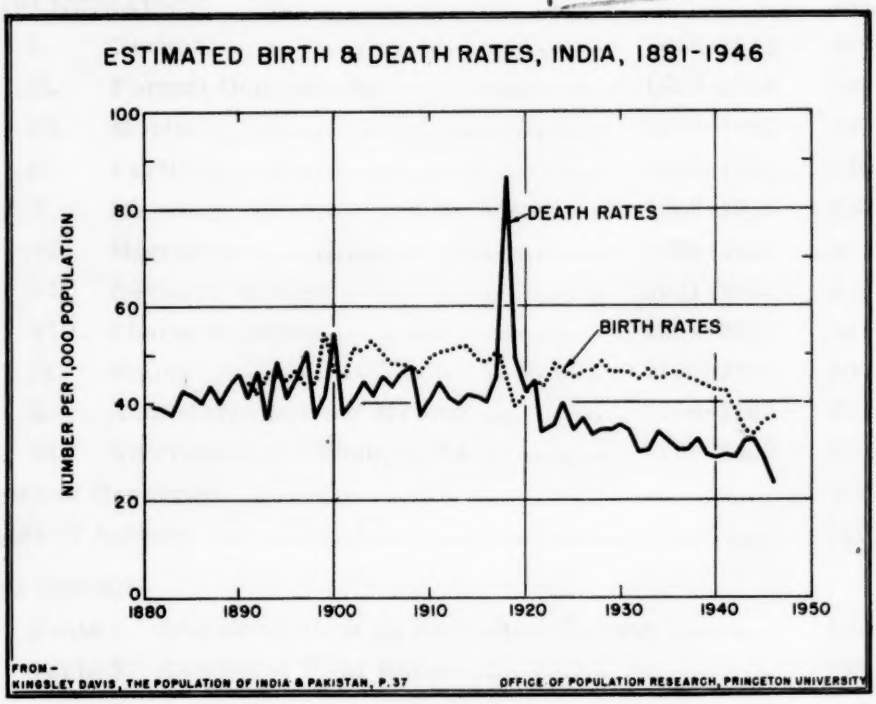

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POPULATION INDEX

EDITORS: Frank W. Notestein
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Louise K. Kiser

October, 1951

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CURRENT ITEMS

POLICY OF THE INDIAN GOVERNMENT ON FAMILY LIMITATION

The speed with which the Indian Government has been moving toward a policy supporting family planning is quite remarkable. Until recent years it seemed a safe generalization that official recognition of a need for family limitation comes, if at all, only after birth control is the well-established practice of a major proportion of the population. The experience of the Soviet Union, which moved quickly into a drastic abortion policy and then reversed it within a few years, appeared to be the exception that documented the rule. It remains to be seen whether subsequent experience in India may also confirm rather than disprove the proposition that it is very difficult for a government to support family limitation when the preponderant part of the citizens do not practice birth control. However, recent developments in India represent only a stage in the development of public policy. The forces underlying the moves have been generating over a considerable period of time and appear to be rather strong in the present leadership.

It should not be assumed, and indeed is not assumed in India, that the implementation of recent proposals will have any very marked influence on the national birth rates for a considerable time. Nor do the Government's proposals relating to birth control constitute more than a small part of its emerging population policy. Whatever the course of events may be, current developments are sufficiently interesting and important in their own right to be worth noting even briefly and on the basis of such press clippings and documents as are readily available.

A press dispatch from the United Press of India, dated New Delhi, June 26, reads:

"A five year scheme for family planning has been chalked out by the Planning Commission, it is learnt. The Central Health Ministry which will be charged with the responsibility of implementing the scheme is understood to have been allotted a sum of about Rs 25 lakhs [i.e., Rs 2.5 million].

"The scheme is intended to make the mothers conversant with different systems of birth control and thus to restrict the family. Hospitals and clinics will be required to train nurses to teach the women the method of using birth control devices and also to make researches in order to find out which system suits the country best."

In a country having as urgent claims on its funds as India, a budget item of Rs 2.5 million must be considered a substantial beginning. It was apparently this proposal to which Prime Minister Nehru referred in his speech presenting the draft election manifesto of the Congress to the All India Congress Convention on July 13 in Bangalore, in which, according to the Deccan Herald of July 14, he said in part:

"The Planning Commission's report also mentioned the question of family planning or what was crudely called birth control. Some people were frightened of those words but the fact was that they were no longer mere words. They were live issues in India today. With improvements in public health, people died less. It was a good thing but from the population point of view it did add a further burden to the country.

"In our public health we have done nothing very great but the progress even in our public health has been considerable and the death rate in India has decreased."

As early as the middle of April the Prime Minister was making his own position clear and doing so in ways that indicated that views expressed represented more than his personal opinion. On April 20, the New York Herald Tribune carried an Associated Press dispatch from New Delhi, dated April 19, which read in part:

"Prime Minister Jawaharlal Nehru said today he favors adoption of birth control measures to curb India's growing population and help solve the food crisis.

"In an interview he said that in the nation's famine areas at least 25,000,000 persons are existing on food rations well below subsistence levels.

"The census just ended put India's population at 362,000,000. The rate of increase was estimated at more than 4,000,000 a year.

"'I am entirely in favor of limiting the growth of the population by institution of various methods, including birth control,' Mr. Nehru said. He added that of necessity this would be a long-range project, subject to much preparation and groundwork. [For which the Rs 2.5 million noted in the dispatch above are presumably to be used.]

"The issue of birth control is being considered by a board of health and social experts. The board is preparing a report for the National Planning Commission."

The above interview was widely reported in the American press, partly because it came at the time that the American Congress was considering an appeal for grain for India. Indeed, it is not impossible that the Prime Minister's interview was timed with that fact in mind. That the contents of the statement were more profoundly motivated may be seen from the report of the "board of health and social experts" to which he presumably referred. This "board" was apparently a committee appointed by the Panel on Health Programmes of the National Planning Commission, whose Report, issued on April 14 in mimeographed form, is sufficiently interesting to be quoted in full. It reads:

POPULATION GROWTH AND FAMILY PLANNING

REPORT

1. On 11th April, 1951, we were appointed a Committee by the Panel on Health Programmes, in order to consider and report on "Population Growth and Family Planning." We held two meetings on the 11th and 12th, when we discussed the subject and formed our main conclusions. This report was drafted yesterday and considered and adopted at our meeting to-day.

2. As the time at our disposal was short, we have limited ourselves to what, in our opinion, are the essentials of the problem. We submit three recommendations for consideration by the Government of India and all the State Governments. These are set out in Annexure I.

3. A brief statement of the views of the Committee, in so far as

they relate to these recommendations is furnished in Annexure II. Dr. Sushila Nayyar has expressed her inability to support Part C of our second recommendation. She supports all other recommendations; and has signed this report subject to a separate statement of her views, as set out in Annexure III.

Shrimati Dhanwanti Ram Rao has also submitted a supplementary note, in Annexure IV.

Sd/ R. A. Gopalaswami
Dr. Gyan Chand
Dr. A. C. Banerjee
Dr. Chandrasekharan
Dr. N. K. Basu
Dr. Sushila Nayyar
Shrimati Dhanwanti Ram Rao

ANNEXURE I

RECOMMENDATIONS

We submit the following three recommendations for consideration by the Government of India and all the State Governments.

I. Recognition of need for Family Limitation

That they recognize in principle:

A. that family limitation is necessary and desirable in the interests of the family - that is to say, it is necessary and desirable that the members of every family comprising the nation should take all suitable and practicable steps for securing that the occurrences of birth in the family are properly spaced in time and limited in number, so as to safeguard the health of mothers and children and enable an adequate share of the resources of the family being applied effectively to the care and upbringing of children.

and B. that in order to assure the success of plans and programmes designed to promote the health and welfare of the people and develop the national economy, it is essential that the National Birth Rate should be reduced concurrently with the National Death Rate, until the population is stabilized at a level consistent with the requirements of national economy. Family limitation (defined as in A above) is necessary to secure this result also.

II. Specific Governmental measures in relation to the Family Limitations

A programme of family limitation must, in our opinion, be a social movement which would call for initiative on the part of individual families and general development of public opinion. The State, therefore, can only play a limited role in this respect. Measures to secure rapid progress in education and improvement of health and living conditions would in themselves be favourable to family limitation and we consider such measures should have highest priority in State programmes of national reconstruction. So far as direct participation by the State in a family limitation programme is concerned, its nature and extent will have to depend upon public demand. In the existing circumstances, we would like to make the following recommendations:

(a) The State should provide facilities for sterilization or giving advice on contraception on medical grounds.

(b) Such help and advice should not be withheld from others who seek and need it on social and economic grounds. Such services however, should be provided to the extent that personnel in hospitals and health agencies can undertake them consistent with their other duties.

(c) The State should also, through financial aid and otherwise, assist in the establishment of Research and Information Centre organised for the following purposes viz:

(i) Collection, study and dissemination of information based on scientifically tested experience in our country and abroad in respect of all aspects of family limitation; and the countering of ill-effects of incorrect information

and (ii) Research necessary for the development of inexpensive, safe and efficacious methods of birth control suitable for all classes of people; and methods of preparation of necessary appliances and materials based on raw materials available in the country.

III. Improvement of Population Data and systematic study of population problems

In view of the intimate connection which exists between the numbers, sex composition, age structure, physical and mental health and general quality of the people and the working of the economic and social system and also of the need for establishing a continuous flow of accurate and complete information regarding the inter-related changes occurring in all these factors, it is necessary to draw up a programme of collection of demographic data and study of selected specific problems with a view to provide a basis for the formulation and execution of a positive and comprehensive programme relating to population.

It is necessary to provide and develop a permanent organisation for the purpose, but pending the establishment of such an organisation steps should be taken to use the existing agencies and personnel as effectively as possible to implement this recommendation.

[ANNEXURE II]

[Apparently "Annexure II" gives the views of the Committee on its recommendations, but the mimeographed document omits the discussion of Recommendation I.]

RECOMMENDATION II

SPECIFIC GOVERNMENTAL MEASURES IN RELATION TO FAMILY LIMITATION

1. Recognition in principle by all Governments of the need for securing family limitation will entail the consequence that governmental policies and measures should be framed consistently with that fact; it will not, by itself, settle the question whether Governments should under-

take positive measures to secure the result and if so what should be the nature of such measures.

Here we enter into a well-known zone of controversy, the nature of which is fully described in the Report of the Bhore Committee (Vol. II, Chapter XXVIII).

2. It is urged that family limitation can and should be brought about by "self-control." This may mean either complete abstinence except for procreation; or limited abstinence except during "safe periods." We have no quarrel with this view, but do not expect significant results from its propagation.

3. The raising of the minimum age for marriage has been suggested. We agree that this will diminish the Birth Rate; and that the results will not be inappreciable; but we do not agree that it is a solution of the problem. The Bhore Committee which considered the suggestion were unable to frame specific recommendations. We have not had enough time to enable us to frame our own.

4. We believe that if we seek to attain the same low levels of Birth and Death Rates as advanced countries of the world, our people will have to adopt the same methods, viz., deliberate birth control in some form or other i.e. contraception.

5. It is urged that contraception is sinful. While those who hold this view must be entirely free to profess and act on it, we do not think Governments should be influenced by it.

6. It is apprehended that the widespread adoption of contraception will promote looseness of sexual relations and weaken family ties. We understand and respect the point of view, but do not share it. We believe the recommendations we have made will make no material difference to sex-habits. They will serve to strengthen family ties and not to weaken them.

7. It is urged that it is unnecessary for Governments to associate themselves in any manner with the spread of contraception, because this will automatically follow the attainment of an improved standard of life and a degree of general education which promotes appreciation of the need for safeguarding that improved standard. It is pointed out that this is the experience of all advanced countries where contraception has grown without official encouragement and often in spite of discouragement.

This view is based upon assumptions the validity of which is not above question; but in our view we shall be moving in a vicious circle if the improvement of living standards is to await a reduction of the birth rate; and if a reduction of the birth rate is to await improvement of living standards.

8. It is contended that Government measures should not be undertaken - not because they are unnecessary, but because they are likely to prove unfruitful. Any thing in the nature of a "contraceptive drive" undertaken by Governmental agencies is bound to prove futile in present circumstances. While failing to secure the intended result, it will divert financial resources and man-power resources from positive developmental activities - and these resources are meagre enough already.

We accept this contention and have taken it fully into account in framing our recommendations. We do not think our recommendations

can be regarded as even remotely resembling a "contraceptive drive."

9. In support of the view that a "contraceptive drive" is bound to be futile, it is pointed out that no methods suitable for the conditions of poverty prevailing in this country exist and that the propagation of ideas of family limitation in these circumstances is not only futile, but may even cause harm. These considerations are, in our opinion, the principal justification for the recommendations we have made.

10. The specific Governmental measures which we have recommended are few. Substantially similar recommendations were made both by the Bhore Committee and the Famine Inquiry Commission. They represent the indispensable minimum of responsibility which Governments should accept in present circumstances. We have not assessed their financial implications. We believe they will be found to be very modest and capable of being fitted into the health programmes which are proposed to be undertaken.

RECOMMENDATION III

IMPROVEMENT OF POPULATION DATA AND SYSTEMATIC STUDY OF POPULATION

Our recommendation is self-explanatory. It is in line with similar recommendations made by the Famine Inquiry Commission and the Bhore Committee.

We are aware that a beginning has been made in the form of permanent census legislation, and the creation of the office of the Registrar General. We have in mind, not merely the completion of those measures but something more comprehensive of which these measures are only a part. We propose permanent provision for systematic study of population problems, in a sense which organically relates such study to the processes of economic and social planning.

ANNEXURE III

Statement of views of Dr. Sushila Nayyar

While it is agreed that the rate at which India's population is increasing is a real obstacle in the way of raising the standard of living in India and something should be done to check it, there is a lot of difference of opinion as to what is the right way or the best way of achieving that end. The first thing that comes to peoples' minds is family planning and large scale use of contraceptives. There is a large section of the population which is opposed to contraceptives on moral, religious and other grounds. In my opinion the real objection to a contraceptive drive is the likelihood of its proving a futility.

It is a well known fact that a falling death rate is followed by a falling birth rate, although there is a lag between the two. In view of the very limited resources at the disposal of the state in India I think the state has to think and act in terms of priorities. The first priority is education and improvement of living conditions which will create an incentive on the part of the people to limit their families. Once that incentive is created the people will find out ways and means of limiting their families whether the state offers any particular facilities or not.

In this connection it should be noted that in most progressive countries which are also much better off economically than India, family planning drives are not undertaken by the State. The utmost that can be asked of the State is that it should not interfere with any social agency which wishes to undertake activities. The resources of the State should be utilised in the furtherance of fundamental constructive activities. There have been instances in other countries where contraceptive drives have proved a failure. The State can never control populations whether it be a drive for increasing or lowering the birth rates. The social and the economic factors alone prove decisive in this connection. In India as in other countries if the people can find other outlets for their creative energies, procreation will go down. If the people know that they can offer better opportunities to their children if they do not have too many of them, if they know that there is a fair chance of their children reaching adult age instead of dying off in infancy, they will be much more inclined to limit their families. It should be the duty of the State to make every effort to produce such conditions. In the meantime, certain amount of limitations of population increase can be achieved by raising the age of marriage. Self-control is not quite so futile or impossible as some people seem to think. The hospitals should offer sterilisation facilities and even contraceptive advice for medical indications on a voluntary basis. In this connection it should be noted that sterilisation of the male is a much simpler operation than of the female. The State should not undertake population control through furtherance of contraceptives.

ANNEXURE IV

Supplementary Note by Srimati Dhanwanti Ram Rao

Population control is unanimously recognised as desirable in India especially as it has been established that the increase in our population figures during the last 20 years has been 80 million and the probability is that the next 20 years will see a similar increase in numbers. The country's present resources, and expected development in these years will not according to economic experts stand the strain of such an increase in population figures, and the result is likely to be that food shortage will continue in spite of all the effort made to increase production and the health conditions will deteriorate, as the pace of improvement and extension of health services in the country will not be able to cope with the increase in population. Hence the subject of population control should be a first priority, and expenditure incurred on this subject would give quick results.

It is agreed that the Health Department of the State should undertake a programme which will have a universal application throughout the country, through according recognition to family planning as a measure to promote the health of the nation and improve the standard of living of the people. To achieve this end the following suggestions are advanced:

(1) In all State hospitals, maternity and child welfare clinics existing at present and planned for the future, whether in urban or rural areas, definite provision should be made for birth control departments under the guidance of medical officers trained for this purpose.

(2) All future programmes for the promotion of health measures for the people, whether medical or educational, should include family planning as an integral part.

(3) Birth control appliances and literature should be part of the equipment of every health centre in the country and should be made available free of cost wherever free medical services are rendered to the poorer classes.

(4) The Health Department should encourage and promote research work in India on:

(a) the development of Birth Control appliances with the object of evolving an inexpensive, safe and efficacious method that will suit the masses of our country;

(b) the manufacture of such appliances for public purposes.

(5) Medical and Nursing Colleges under State control should introduce the scientific study of family planning.

(6) The Information Department of the Government should produce propaganda films on the subject, arrange radio talks and otherwise popularise the need for a planned family.

It is also agreed that for the promotion of a better standard of living and healthier families it is necessary to encourage late marriages in India.

We are also convinced that the State should accept the policy of sterilization of the unfit e.g. advanced cases of T.B., heart diseases, leprosy, epilepsy and mental cases with the consent of the party concerned except the last category.

This report stands in direct line of descent from several rather extensive considerations of the problem. In 1947 a report of the Sub-Committee on Population of the National Planning Committee (of the Congress Party) was issued in the National Planning Series. It concludes with: "Resolutions of the National Planning Committee on the Report submitted by the Sub-Committee on Population" (pp. 144 and 145), of which the first and fourth resolutions read as follows:

"1. We agree with the view that the size of the Indian population is a basic issue in national economic planning, in so far as its unrestricted increase, out of proportion to means of subsistence, affects adversely the standard of living; and tends to defeat many social and ameliorative measures."

"4. In the interests of social economy, family happiness and national planning, family planning and a limitation of children are essential, and the State should adopt a policy to encourage these. It is desirable to lay stress on self-control, as well as to spread knowledge of cheap and safe methods of birth control. Birth control clinics should be established, and other necessary measures taken in this behalf and to prevent the use or advertisement of harmful methods."

The current Committee Report quoted in full above refers explicitly in Paragraphs 1 and 10 under Recommendation II of Annexure II to the Report of the Bhore Committee and to the Report of the Famine Inquiry Commission as containing recommendations substantially similar to their own.

The Bhore Committee Report was issued as Report of the Health Survey and Development Committee in 1946. In the chapter in Volume II entitled "The Population Problem" (pp. 477-489) the trend of the birth and death rates is discussed, in part on the basis of Kingsley Davis' estimates, a revision and extension of which are presented in his recent book on The Population of India and Pakistan, from which the cover chart of this issue of the Index is taken. The question of birth control is dealt with rather fully. Paragraph 21 (Vol. II, p. 483) reads:

"It is our considered opinion, in view of what has been said, that in the absence of certain natural checks such as famine and disease whose operation will, speaking generally, become more and more limited as our various programmes of social security and improvement in living conditions develop, the growth of population in India will become an increasingly serious problem. We have therefore felt it necessary to set forth its implications and to suggest certain lines on which its solution may be attempted."

On the matter of birth control, after presenting the pros and cons, the Committee concluded in Paragraphs 30 and 31 (Vol. II, p. 487):

"30. Having set out the arguments for and against the practice of birth control we may now consider how far Governments should help to promote the birth control movement. All of us are agreed that, when childbearing is likely to result in injury to mother or infant, there is every justification for the practice of contraception. In such cases it should be the responsibility of Governments to provide instruction regarding contraception in maternity and child welfare centres, dispensaries, hospitals and any other public institutions which administer medical aid to women. We also consider that the supply of contraceptive requisites should be made, free of cost, by the State to necessitous women when the practice is advocated for reasons of health. There is also unanimity among us in respect of State action in two other directions, namely, (1) control over the manufacture and sale of contraceptives as in the case of food and drugs and (2) assistance from public funds towards research for the production of a safe and effective contraceptive.

"31. Some of us are of the opinion that, on economic grounds also, contraception is justified in the interests of the individual and of the community and that the State should provide facilities for imparting knowledge regarding birth control when desired for such reasons. The others, while they fully appreciate the importance of relating population to the economic resources of the country, feel that the active promotion by the State of contraceptive practices for economic reasons will be justified, in view of objections to it on religious grounds in certain quarters, only if there is substantial support from public opinion."

In the Final Report of the Famine Inquiry Commission, which appeared in 1945, the problem is treated to much the same effect, but handled a bit more gingerly. The "Summary of Conclusions and Recommendations" contains the following passages:

"Whatever success in increasing food production can be achieved, ultimately a decrease in the rate of population growth is not only desirable but necessary. While an addition of a further 100 millions to the population within the next 25 years must be anticipated, the essential point is whether, when that figure is reached, the whole 'reproductive situation,' including the relation between the birth-rate and the death-

rate, is favourable to continued growth at an equal or accelerated rate, or whether the population has reached, or is approaching, a position of stability" (pp. 385-386).

"There is evidence that the practice of family limitation has appeared in this country, but it is as yet confined to the more prosperous classes. At the present time a deliberate State policy with the objective of encouraging the practice of birth control among the mass of the population is impracticable, both because of public opinion on this matter and because of the low economic condition of the poorer classes and their lack of education. A fall in the birth-rate will tend to follow rather than precede economic betterment.

"Development of public health services may in the long run have a tendency to stabilize population. A high birth-rate accompanied by a high death-rate means waste of human effort and lives. It is suggested that an assault on infant mortality would ultimately tend to reduce the birth-rate. The State can legitimately take steps, through the medium of health services, which will have the effect of encouraging family limitation. Knowledge of birth-control could be imparted through maternity and child welfare centres, by women doctors, to women whose health would be endangered by further or excessive child-bearing, and also to women who seek advice because of a reasonable desire to 'space' their children" (p. 386).

The contrast between this and the latest report is striking illustration of the ways in which political responsibility, the intensification of difficulties in the food situation, and continuing experience in the problems of planning operate to crystallize policy.

Frank W. Notestein

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The editors acknowledge the generous cooperation of the staff of the Library of Congress, and especially that of the Census Library Project, in making the numerous excellent facilities of the Library available to them. The coverage of the official publications of national governments is assisted materially by the continuing cooperation of the Inter American Statistical Institute and the Office of the Coordinator of International Statistics, Bureau of the Census.

Abstracts contributed by individuals other than the editors are acknowledged by placing the name of the contributor in brackets at the end of the entry. If a translation, abstract, or review is taken from a secondary published source, that source is also cited in brackets. The titles of books and articles not available to the editors and not covered by available reviews or abstracts are marked with the symbol °. The following abbreviations are used for common bibliographic sources:

A.S.S.A.	- Australian Social Science Abstracts.
B.A.	- Biological Abstracts.
B.A.D.P.E.S.	- Bulletin Analytique de Documentation Politique, Economique et Sociale Contemporaine.
B.E.E.I.	- Bollettino Emerografico de Economia Internazionale (Istituto di Economia Internazionale, Genova).
C.G.P.	- Current Geographical Publications.
C.L.M.L.	- Current List of Medical Literature (U.S. Army. Medical Library).
F.E.Q.	- Far Eastern Quarterly.
F.I.N.E.D.	- France. Institut National d'Etudes Démographiques. Population.
I.A.S.I.	- Inter American Statistical Institute. Estadística.
I.L.O.	- International Labour Office. Industry and Labour.
I.S.S.B.	- International Social Science Bulletin (U.N.E.S.C.O.).
M.E.J.	- Middle East Journal.
P.A.	- Psychological Abstracts.
R.I.B.	- Review of Inter-American Bibliography (Organization of American States).
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U.N.D.I.	- United Nations Documents Index.
U.N.H.L.	- United Nations. Headquarters Library. New Publications.
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Statistical yearbook of the Republic of Paraguay, 1946-1947. (Anuario estadístico de la República del Paraguay 1946-47.) Asunción, Imprenta Nacional, 1948. 336 pp.

Part III, "Demografía," includes population estimates, vital events registered, and annual rates.

Peru

1718 Anrao Mendoza, Leila.

Trends of the indigenous and mixed population in Peru. (Tendencias de la población aborigen y de la mestiza en el Perú.) Revista de la Facultad de Ciencias Económicas y Comerciales, No. 42, pp. 70-77. March, 1950. [I.A.S.I. 9(30)]

EUROPE

Belgium

1719 Arnould, M.-A.

Enumerations of households in Hainaut from the fourteenth to the sixteenth centuries. (Les dénombrements de foyers en Hainaut, XIV-XVIe siècles.) Belgium, Institut National de Statistique, Bulletin de Statistique 37(4):601. April, 1951.

1720 Hanquet, Huberte, et al.

Distribution of the population in the territory of the Walloons. (Répartition de la population sur le territoire de la Wallonie.) Economie Wallonne, No. 5-6, pp. 359-369. Oct., 1950.°

1721 Persoons, François.

The demography of southern Wallonia. (La démographie de la Wallonie méridionale.) Economie Wallonne, No. 5-6, pp. 493-512. Oct., 1950.

An analysis of areas of increase and decrease in an attempt to determine causal factors. [F.I.N.E.D. 6(2)]

1722 Vrancken-Pirson, Irène.

The demography of Liège in the fifteenth century. (Démographie liègeoise du XVe siècle.) Belgium, Institut National de Statistique, Bulletin de Statistique 37(4):599-600. April, 1951.

Denmark

1723 Denmark. Statistiske Departement.

Statistical yearbook, 1950. (Statistisk årbog, 1950.) København, 1950. xxxviii, 369 pp.

New tables include cross-classifications of marital status for marriages of 1949, and the distribution of dependents by type of family.

The 1949 issue included major additions: estimated population at the beginning of 1948 by sex, age, and marital status; composition of households, population by age and occupation, children by age of women

at marriage and duration of marriage, children in family households by branch of activity and occupational status, and children of married couples by occupation and region, 1940; legitimate births by duration of marriage, 1948; etc.

1724 Denmark. Statistiske Departement.
The Department of Statistics, 1920-1950. (Det statistiske departement, 1920-1950.) Statistiske Meddelelser, 4. Raekke, 139. Bind, 4. Haefte. København, Bianco Lunos Bogtrykkeri, 1951. 153 pp.
Censuses and vital statistics, pp. 28-41.

Finland

1725 Forsberg, K.-E.
Differences in the composition of the population in various areas of Helsinki. (Strukturolikheter inom befolkningen i olika delar av Helsingfors.) Finsk Tidskrift 147(1):6-16. Jan., 1950.°

France

1726 France. Institut National de la Statistique et des Etudes Economiques.
Abridged statistical yearbook. Second volume—1949. (Annuaire statistique abrégé. Deuxième volume—1949.) Paris, Imprimerie Nationale, 1950. 374 pp.
The first postwar issue to include historical tables for foreign countries.

1727 France. Institut National de la Statistique et des Etudes Economiques.
Statistical information on population and housing in Paris. Distribution by blocks. (Données statistiques sur la population et les logements de la Ville de Paris. Répartition par îlots.) Paris, Imprimerie Nationale, 1949. 3 pp.; tables.

1728 Moine, Marcel.
Increase in the average duration of life and its influence on the aging of the population. (Accroissement de la durée moyenne de la vie et son influence sur la vieillissement de la population.) Revue de Pathologie Comparée et d'Hygiène Générale 50(621):644-651. Oct., 1950.°

Germany

1729 Below, Fritz.
The regional economic alignment of West Germany and its effects on the distribution of the population. Wirtschaftsdienst, English edition, Jan., 1951. Pp. 19-24.
German edition, 17(3):Title 1130.

1730 Germany. Bundesgebiet. Statistisches Bundesamt.
Vital statistics. (Bevölkerungsbewegung.) Wirtschaft und Statistik 3(3) through 3(6). March-June, 1951.
Migration in the third quarter of 1950 by place of origin and destination, . . . by occupational structure. (Wanderungsbewegung im 3. Vierteljahr 1950 nach Herkunfts- und Zielländern, . . . nach der beruflichen Gliederung.) Ibid., No. 3. pp. 265*-266*. March, 1951.
Vital statistics in the Bundesgebiet . . . in the years 1938 and 1946-1950, . . . in 1950 for provinces, . . . in the West Sector of Berlin. (Natürliche Bevölkerungsbewegung im Bundesgebiet, . . . in den Jahren 1938 und 1946-1950, . . . im Jahr 1950 nach Ländern, . . . in den Westsektoren vom Berlin.) Ibid., No. 6, pp. 667*-668*. June, 1951.
Deaths by cause and sex in the first quarter of 1951, . . . in 1949 . . . . (Die Sterbefälle nach Todesursachen und Geschlecht im 1. Vierteljahr 1951, . . . im Jahr 1949 . . . .) Ibid., No. 6, pp. 669*-680*. June, 1951.

1731 Germany. Bundesgebiet. Statistisches Bundesamt.
[Population census, September 13, 1950.] Wirtschaft und Statistik 3(2) through 3(6). Feb.-June, 1951.
Resident population, September 13, 1950, by year of birth, . . . birth cohort, . . . birth cohort and family status, . . . residence on 1.9.1939 and industrial status, . . . parishes with more than 10,000 inhabitants. (Wohnbevölkerung am 13. September 1950 nach Geburtsjahren, . . . Geburtsgruppen, . . . Geburtsgruppen und Familienstand, . . . Wohnsitz am 1.9.1939 und wirtschaftlicher Stellung, . . . Gemeinden mit mehr als 10,000 Einwohner.) Ibid., No. 2, pp. 129*-132*. Feb., 1951.
Further major results of the population and occupational census of 1950. Population and gainful workers by industry and occupational status. (Weitere Hauptergebnisse der Volks- und Berufszählung 1950. Die Bevölkerung und die Erwerbspersonen nach Wirtschaftsabteilungen und nach der Stellung im Beruf.) Ibid., No. 3, pp. 88-91. March, 1951.
Resident population by industrial division, occupational status and population groups. (Die Wohnbevölkerung nach Wirtschaftsabteilungen, Stellung im Beruf und Bevölkerungsgruppen.) Ibid., No. 3, p. 261*. March, 1951.
The crews of German ocean-going ships, September 13, 1950, in the Bundesgebiet. Final results of the population and occupa-

tional census. (Die Besatzungen deutscher Seefahrzeuge am 13. September 1950 im Bundesgebiet. Endgültiges Ergebnis der Volks- und Berufszählung.) Ibid., No. 5, pp. 549*-552*. May, 1951. [By detailed characteristics.]

Area and population of Germany, 1939, 1946 and 1950. (Gebiet und Bevölkerung Deutschlands, 1939, 1946 und 1950.) Ibid., No. 6, p. 666*. June, 1951.

For previous publications, see 17(3):Title 1230.

1732 Germany. Berlin. Hauptamt für Statistik.

The resident population of the Western Sector of Greater Berlin and the age distribution according to the population census of August 31, 1950. (Die Wohnbevölkerung des demokratischen Sektors von Gross-Berlin und ihre Altersgliederung nach der Volkszählung am 31. August 1950.) Berliner Statistik 5(1-2):2-7. 1951.

1733 Germany. Lower Saxony. Amt für Landesplanung und Statistik.

The population and occupational census of October 29, 1946 in Lower Saxony. Vol. 3. Results by parishes. (Die Volks- und Berufszählung vom 29. Oktober 1946 in Niedersachsen. Heft 3. Die Ergebnisse nach Gemeinden.) Veröffentlichung des Niedersächsischen Amtes für Landesplanung und Statistik. Hannover, 1950. 242 pp.

1734 Germany. Rhineland - Palatinate. Statistisches Landesamt.

Census of September 13, 1950; the resident population in the Rhineland-Palatinate. Preliminary results. (Volkszählung am 13. September 1950; die Wohnbevölkerung in Rheinland-Pfalz. Vorläufige Ergebnisse.) [Bad Ems] 1950. xix, 30 pp.

1735 Germany. Württemberg-Baden. Statistisches Landesamt.

Results of a preliminary sample tabulation from the population census of 1950. (Ergebnisse der Repräsentativ-Vorauswertung der Volkszählung 1950.) By J. Götz. Statistische Monatshefte Württemberg-Baden 5(5):129-133. May, 1951.

1736 Germany. Württemberg-Hohenzollern. Statistisches Landesamt.

Preliminary results of the census of September 13, 1950 for Württemberg-Hohenzollern and the Bavarian district of Lindau. (Die vorläufigen Ergebnisse der Volkszählung vom 13. September 1950 für Württemberg-Hohenzollern und den bayer. Kreis Lindau.) Tübingen, 1950. 44 pp.

1737 Iklé, Fred C.

The effect of war destruction upon the ecology of cities. Social Forces 29(4):383-391. May, 1951.

Changes in population density and decentralization, especially in German cities.

1738 Landwirtschaftliche Rentenbank, Frankfurt am Main.

West German agriculture in figures. (Die westdeutsche Landwirtschaft in Zahlen.) Frankfurt am Main, 1950. 88 pp.

A tabular and graphic compilation, including population, density, and occupational structure.

1739 Roscher, Oskar.

Ten years of ration card statistics. (Zehn Jahre Verbraucherstatistik.) Zeitschrift des Bayerischen Statistischen Landesamts 82(1-2):1-9. 1950.

Used as a basis for the determination of population. [R.I.I.S. 18(3-4)]

1740 U.S. Department of State. Office of Intelligence Research.

Population structure of Western Germany, 1939-1979. Pp. 71-78 in: United States. ECA Technical Assistance Commission on the Integration of the Refugees in the German Republic. The integration of refugees into German life. Washington, National Planning Association, 1951. 109 pp.

Population projections, 1949-1979, assuming fertility at the 1947-1949 ratio of children under 5 to males 25-44, mortality at the U.S. "median mortality" for native whites, and no net migration. There is an analysis of prewar structure, the impact of World War II, the effects of the influx from the East, and the projected structural changes.

See Title 2019, this issue.

Hungary

1741 George, Pierre.

Economic changes and the distribution of the population in Hungary. (Transformations économiques et répartition de la population en Hongrie.) Bulletin de l'Association de Géographes Français, No. 212-213, pp. 147-156. Nov.-Dec., 1950.°

Ireland

1742 Ireland. Central Statistics Office.

Census of population, 1946. Interim reports. Supplements to Irish Trade Journal and Statistical Bulletin, Sept., 1949-Dec., 1950.

1. First interim report. See 16(2):

Title 712.

2. Second interim report. June, 1950. 42 pp. See 17(1):Title 126.

3. Third interim report. Sept., 1950. 22 pp. [The distribution of the population aged 14 and over by occupation, industry, and industrial status.]

4. Fourth interim report. Dec., 1950. 16 pp. [The number of persons who stated they could speak Irish and the statistics of dependency.]

1743 Ireland. Government.
Ireland. Census of population, 1946. Instructions to enumerators. Dublin, Stationery Office, 1946. 20 pp.

Italy

1744 Cusimano, G.
The Sicilian population after the Second World War. (La popolazione siciliana dopo la seconda guerra mondiale.) Rivista Italiana di Economia, Demografia e Statistica 4(3-4):463-464. July-Dec., 1950.

1745 D'Elia, Eugenio.
The development of the Italian population. (Lo sviluppo della popolazione italiana.) Conguintura Economica 6:5-9. Jan., 1951.°

1746 Ghidoli, Gian B.
The center of Italian population. (Il centro della popolazione italiana.) Statistica, Oct.-Dec., 1950.°

1747 Polzer, Alfredo de.
Demographic changes in an Alpine country, 1654-1939. (Vicende demografiche di un paese alpino, 1654-1939.) Statistica (Milan) 10(1):3-29. Jan.-March, 1950.°

1748 Tizzano, Antonio.
The natural movement of population in Italy in 1949, in comparison with 1948 and 1939. (Il movimento naturale della popolazione in Italia nel 1949, in confronto con il 1948 e con il 1939.) Notiziario dell'Amministrazione Sanitaria 3(9-10):313-318. Sept.-Oct., 1950.°

Luxemburg

1749 Luxemburg. Service d'Etudes et de Documentation Economiques et de l'Office de la Statistique Générale.
The population of Luxemburg: Its development and projections. (La population du Grande-Duché de Luxembourg: Son évolution et ses perspectives.) Bulletin du Service d'Etudes . . . 2(1):3-48. Jan.-March, 1951.
Projection to 1970 by age and sex.

Netherlands

1750 Netherlands. Instituut voor Sociaal Onderzoek van het Nederlandse Volk. Commissie ter Bestudering van de Bevolkingsverspreiding.
The distribution of population in the Netherlands. I: The problem. IA: Text; IB: Charts. (De Verspreiding van de bevolking in Nederland. I: Probleemstelling. IA: Texst; IB: Afbeeldingen.) Rijksdienst voor het Nationale Plan, Publicatie No. 3. 's Gravenhage, Staatsdrukkerij Uitgeverijbedrijf, 1949. IA., 112 pp.; IB, charts.
This is the first report of the Commission on the Distribution of Population appointed by the Institute for Social Research of the Netherlands People at the request of the National Service for Physical Planning. Contents of the report follow: I. Task of the Commission; II. The development of the geographic distribution of the Netherlands population, past and future (a historical sketch, 1870-1940; expectations regarding the future development of population distribution); III. Aspects of the distribution and concentration of the Netherlands population (economic aspects of the various settlements in relation to character, size and location; health in town and country; the socio-psychological conditions of town and country; consequences of rapid changes of social structure of town and country; IV. The desirability of influencing the geographical distribution of the population and means to that end.

Norway

1751 Norway. Statistisk Sentralbyrå.
Statistiske Meldinger. Monthly Bulletin of the Central Bureau of Statistics of the Kingdom of Norway. Nr. 1, 1951. Oslo, I Kommisjon Hos H. Aschehoug Co., 1951. 62* pp.
Section I, "Population," includes current vital statistics and emigration, removals, and epidemic or other diseases reported by physicians.

1752 Norway. Oslo. Kommunes Statistiske Kontor.
Statistical yearbook for Oslo. Sixty-first year, 1949. (Statistisk årbok for Oslo by. 61 de årgang 1949.) Oslo, J. Chr. Gundersen, 1950. xiv, 200 pp.
With time series, 1900-1948, and detailed data for recent years.

Rumania

1753 Burenko, S. F.
Some results of the census of the People's Republic of Rumania on January 25, 1948. (Nekotorye itogi perepisi naseleniia respubliki Rumynii 25 ianvaria 1948 g.) Izvestiia Vsesoiuznogo Geograficheskogo Obshchestva 83(1):66-76. Jan.-Feb., 1951.°

1754 Burenko, S. F
The new administrative-economic regioning of the People's Republic of Rumania. (Novoe administrativno-ekonomicheskoe raionirovanie narodnoi republiki Rumynii.) Izvestiia Vsesoiuznogo Geograficheskogo Obshchestva 82(6):623-625. Nov.-Dec., 1950.°

Switzerland

1755 Switzerland. Eidgenössisches Statistisches Amt.
Vital statistics of Switzerland, 1945-1948. Text; tables. (Bevölkerungsbewegung in der Schweiz, 1945-1948. Text; Tabellen.) Statistische Quellenwerke der Schweiz, Heft 224; Heft 225. Bern, 1950; 1951. 2 vols. Text, 107 pp.; tables, 304 pp.

1756 Switzerland. Eidgenössisches Statistisches Amt.
Federal census of the population. December 1, 1950. Resident population of the communes, results unverified. (Recensement fédéral de la population 1er décembre 1950. Population résidente des communes, résultats non contrôlés.) Berne, 1951. 52 pp.

U.S.S.R.

1757 Shangin, N. I.
Vital statistics on the morbidity of the rural population. (K voprosu o strukture zabolevaemosti sel'skogo naseleniia.) Sovetskoe Zdravookhranenie, No. 5, pp. 30-34. Sept.-Oct., 1950. [C.L.M.L. 20(3)]

United Kingdom

1758 England and Wales. General Register Office.
Census 1951, England and Wales. Preliminary report. London, H.M. Stationery Office, 1951. xxiii, 52 pp.
Tables: England and Wales. I. Population, 1801-1951; II. Standard regions, administrative counties and county boroughs, 1931 and 1951; III. Counties, county boroughs, municipal boroughs, urban districts and rural districts, 1931 and 1951; IV. Greater London and five major provincial conurbations, 1921-1951; V. Administrative counties with associated county boroughs, 1921-1951; VI. Towns with populations over 50,000 in 1951; VII. United Kingdom, Islands of the British Seas and the Irish Republic, population, 1841-1951; VIII. Ibid., intercensal rates of variation, 1841-1951.

1759 England and Wales. General Register Office.
Classification of occupations, 1950. London, H.M. Stationery Office, 1951. xii, 317 pp.
A revised edition will be published later in the census series.

1760 England and Wales. Minister of Health.
Census. The census regulations, 1950. Statutory Instruments, 1950, No. 2028. London, H. M. Stationery Office, 1950.
Regulations and schedules.

1761 England and Wales. Registrar-General.
The Registrar General's estimates of the population of England and Wales. Populations of each administrative area at 30th June, 1950. London, H. M. Stationery Office, 1951. 15 pp.
Continuation of the series of separate publications of current population estimates for local areas begun for 1948.

1762 England and Wales. Registrar-General.
The Registrar-General's statistical review of England and Wales for the six years 1940-1945. Text, Vol. II, Civil. London, H.M. Stationery Office, 1951. v, 233 pp.
The Registrar-General's Statistical Review usually consisted of three parts; I and II being Medical and Civil tables, III being text. A single text volume was issued in 1947 for 1938 and 1939. A recently published text volume covered medical statistics for 1940-1945; the present volume covers civil statistics for this same period.
Population estimates include national sex-age marital status estimates and estimates of married women by duration of marriage. The statistics on births and fertility include a comparison with the period 1915-1921, reproduction rates, design of the fertility analysis, illegitimate births and premarital conceptions, and legitimate births and fertility (legitimate fertility by mother's age and duration of marriage, maternities by number of previous chil-

dren, birth occurrences and registration time lags, international comparisons of the course of birth rates, sex proportions at birth, multiple births, stillbirths, and fertility and infertility recorded at death registration).

There is a summary section of marriage, birth, death, and infant mortality rates for Great Britain and Ireland.

1763 England. London County Council.
Statistical abstract for London, 1939-1948, with 1949 figures where available. Vol. XXXI. London, 1950. 113 pp.

This is the second postwar issue and it, like the first, links prewar with the present position. There are rather detailed demographic data for the City of London and the Metropolitan Boroughs, less detailed information on area and population for Petty Sessional Divisions, London Electoral Areas, and local areas in Greater London.

1764 England. London County Council.
Statistics of Metropolitan Boroughs, 1948-1949. London, The County Hall, 1950. 12 pp.

Including population estimates, 1948, and vital rates.

1765 United Kingdom. Central Statistical Office.
Annual abstract of statistics, 1938-1949. No. 87. London, H. M. Stationery Office, 1951. xi, 312 pp.

Section II, "Population and vital statistics," includes summary tabulations of census statistics and estimates, together with vital rates and passenger movements. Section III, "Social conditions," includes public health. See also Section VI, "Labour," and Section XI, "National income and expenditures."

1766 United Kingdom. Interdepartmental Committee on Social and Economic Research.
Census reports of Great Britain, 1801-1931. Guides to Official Sources No. 2. London, H. M. Stationery Office, 1951.

This guide, to appear shortly, will be a brief account of the history and development of the census, 1801-1931, with a description of the nature and extent of the information and analyses published.

Yugoslavia

1767 Yugoslavia. Savezni Statistički Ured.
Statistical Bulletin. (Statistički Biltin.) Beograd, 1950-.

No. 1. Population. (Stanovništvo.) Godina 1, Juli, 1950. 25 pp. [See 17(1):Title 149]

No. 2. Education, science and culture. (Prosveta, nauka i kultura.) Godina 1, Oktobar, 1950. [Primary and secondary schools, 1938/39 - 1949/50; children of school age and school attendance; schools for national minorities; etc.]

No. 4. Public health. (Zaštita narodnog zdravlja.) Godina 2, Januar, 1951. [Facilities and infectious diseases reported.]

ASIA

Ceylon

1768 Ceylon. Department of Census and Statistics.
Census of Ceylon, 1946. Vol. I: Part I. General report; Part II. Statistical digest. By A. G. Ranasinha. Colombo, Govt. Press. Part I, 1950. xvii, 340 pp.; Part II, 1951. Preface unpaged, 424 pp.

In Part I, general chapters on the peoples and history of Ceylon and the country at the time of the census precede descriptions of the taking of the census and textual presentation of major results on growth, distribution, sex, race, ethnology, religion, literacy, conjugal condition and fertility, age, birthplace and length of residence, gainful occupation and employment status, orphanhood, the estate population, the physically infirm, housing and households, and agriculture. Part II presents summary tabulations from the detailed volumes to be published later. Subjects covered are similar to those noted for Part I. Place of birth is related to length of residence. Fertility materials include number of children ever born and number living, together with a classification of mothers by age at birth of first child.

China

1769 Manchoukuo. Somu-cho Tokei-sho Keimu Sokyoku (General Affairs Bureau. Statistics Section. Police Division).
The first preliminary population survey report. City volume No. 1. Hsinking Special City. (Dai ichi-ji ruiji jinko chosa hokoku-sho, to-nyu-hen, dai ikkan, shinkyo tokubetsu shi.) Hsinking, 1937. 275, 9 pp.

Population, households, occupation and industry for police areas; race, nationality, age and place of birth, occupation by nationality, place of birth and nationality by age, detailed occupational and occupational status classifications, composition and status of households; immigrants by occupation, nationality, length of residence, na-

tionality and age at migration, etc.

1770 Manchoukuo. Somu-cho Tokei-sho Keimu Sokyoku (General Affairs Bureau. Statistics Section. Police Division).

Resident population statistics of Manchoukuo as of October 1, 1941. General and age volume. (Manshu teikoku genju jinko tokei, kotoku hachi nen jugatsu ichi nichi genzai, so hen oyobi nenrei-betsu hen.) Hsinking, 1943. 467 pp.

A compilation of police records as of October 1, 1941 for the registered population, excluding special areas, prisons, legations, etc. Since these are statistics based on residence, they are not comparable with the de facto enumeration of the 1940 census.

Populations are given by sex for ages 1-5, 6-10, 11-15, single years 16-50, 51-55, 56-60, and 61 and over, lunar ages, for total, "Manchurians," total "Japanese," Japanese, Koreans, and others for provinces, cities, and hsien.

Hong Kong

1771 Hong Kong. Department of Statistics.

Annual report ... for the year ended the 31st March, 1950. Hong Kong, 1950. 17 pp.

Disturbed conditions in China led to the deferment of the census planned for 1948. Instead, a registration of the population aged 12 and above was carried out, with an issue of identity cards.

India

1772 India. Mysore. Census Commissioner.

Mysore census, 1951: First figures. [No place or date of publication] iv, 44 pp.

Data on the population and area of the principal states of India precede tabulations of population, density, and literacy for minor civil divisions and the distribution of displaced persons in Mysore.

1773 India. West Bengal. Provincial Statistical Bureau.

Monthly Statistical Digest, West Bengal. Vol. 3, No. 6. Sept., 1950. 110 pp.

Section I. Area and population; Section II. Vital statistics (births, deaths, and infant deaths by districts; deaths by cause).

Indonesia

1774 Indonesia, United States of. Ministry of Economic Affairs.

The population of Indonesia. The Economic Review of Indonesia 4(2):80. April-June, 1950.

A statement and explanation of the figure produced by the Central Bureau of Statistics at Djarkarta.

Iran

1775 Council for Middle Eastern Affairs, Inc.

Facts and figures [Iran]. Middle Eastern Affairs 2(6-7):238-242. June-July, 1951.

A compilation of recent data from various sources.

Israel

1776 Israel. Central Bureau of Statistics.

Statistical abstract of Israel: 1949/50. Jerusalem [no date]. xi, 111 pp.

The first issue, containing "a numerical review of demographic, economic and social development. . . ."

Japan

1777 Japan. Government.

[Results of the 1950 census of population.] Population of to, do, fu, ken, gun, shi, ku, machi (cho) and mura (son). Prime Minister's Notifications, Nos. 19 and 24. Official Gazette, English edition. Extra No. 10, Feb. 10, 1951. 20 pp.; Extra No. 12, Feb. 15, 1951. 44 pp.

Total population, not by sex.

1778 Japan. Sori-fu. Tokei Kyoku (Prime Minister's Office. Statistics Bureau).

Report on the housing census of 1948. Tokyo, 1950. 225 pp.

These summary results of the first national housing census include data on dwelling units, mats, households, and persons for provinces, shi, ku, and gun. There are classifications by type of building, ownership of house and land, and date of construction.

For the population census, see 17(2):Title 698.

1779 Japan. Sori-fu. Tokei Kyoku (Prime Minister's Office. Statistics Bureau).

Guide to the Census Bureau, Prime Minister's Office. (Sori-fu, Tokei-kyoku annai.) Tokyo, 1950.

A description of the organization.

1780 Japan. Supreme Commander for the Allied Powers. General Headquarters. Economic and Scientific Section.

Estimated population, 1 October 1947 to

January 1951.... Japanese Economic Statistics, Bulletin No. 54, Section III, p. 2. Feb., 1951.

Revised estimates on the assumption that there was over—rather than under—enumeration in the 1947 census.

1781 Japan. Supreme Commander for the Allied Powers. General Headquarters. Economic and Scientific Section.

Preliminary results of the 1950 population census and selected historical statistics. Japanese Economic Statistics, Bulletin No. 52, Section III, pp. 2-7. Dec., 1950. [Population by sex, number and size of households, and distribution by shi and gun, 1920-1950; number of political subdivisions and population by size of place, 1940, 1945, 1950; population by provinces, 1940, 1945, 1947, and 1950; population in 1950 by provinces (total and by sex, and number of households for provinces, shi and gun of each province, and cities of 100,000 or more.]

Final 1950 census tables for "shi." Population of cities of 100,000 or more, 1 October 1950. Ibid., No. 54, Section III, pp. 2-3. Feb., 1951.

One percent sample tabulation of 1950 population census. . . . Age by sex, marital status by age and sex. Ibid., No. 56, Section III, pp. 2-4. April, 1951.

1782 Schwind, Martin.

The urbanization of Japan: Considerations on Japanese population development, 1940-47. (Die Verstädterung Japans. Betrachtungen zur japanischen Bevölkerungsentwicklung, 1940-47.) Erdkunde 4(3-4): 218-226. 1950.

1783 Takatsu, Hideo.

Estimates of population in Japan since 1872. Prime Minister's Office, Statistics Bureau, Bulletin of Statistical Research, No. 1. Tokyo, 1950.

In Japanese.

Lebanon

1784 Lebanon. Bureau de Statistiques et de Liaison.

Elements of general population statistics according to the 1942-1943 census and miscellaneous information. (Elements de statistiques générales sur la population d'après le recensement de 1942-1943 et renseignements divers.) 1943. 174 pp.

Ch. 1, "Demography," includes data on numbers, place of birth, and distribution by age, nationality, occupation, etc.

Malaya

1785 Malaya, Federation of. Registrar of Statistics.

Malayan population statistics. Estimated population by race as on 30th June, 1950. Government Gazette 3(21):2097. Sept. 28, 1950.

1786 Malaya, Federation of. Survey Department.

Census of Malaya, 1947. Distribution of population. [Map] 1:1,000,000. Kuala Lumpur, 1948.

Ryukyu Islands

1787 Ryukyu Islands. U.S. Civil Administration. Programs and Statistics Section.

Ryukyu Islands. Economic Statistics, Bulletin No. 9, September through December, 1950.

Populations enumerated in the 1950 census are given by sex for minor civil divisions based on a local tabulation of the enumerator's check sheets. There are also sections on the labor force status of the population (based on surveys) and on communicable diseases.

1788 Ryukyu Islands. U. S. Military Government. Programs and Statistics Section.

Ryukyu Statistical Bulletin. Vol. 1, Nos. 1-8. 1950.

Each issue included a section on public health and welfare, emphasizing communicable diseases.

Sarawak

1789 Hepburn, Bryan A. St. J.

The handbook of Sarawak, comprising historical, statistical, and general information concerning the colony obtained from official and other reliable records. Singapore, Malaya Publishing House, 1949. 194 pp.

1790 Sarawak. Government.

A report on the 1947 population census. By J. L. Noakes. Kuching, 1950. 282 pp.

Turkey

1791 Turkey. Basbakanlik Istatistik Genel Müdürlüğü.

General population census, October 21, 1945. (Genel nüfus sayimi, 21 ekim 1945.) Yayin (Publication) No. 286, Cilt 1-65. Ankara, 1948-1950.

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[See also Titles 1630, 1740, 2075, 2148]

Internal

1980 Arrow, Kenneth J., and Arrow, Selma S.
On Mandelbaum's study of "The industrialization of backward areas." U. S. Air Force, Project Rand, Research Memorandum RM-373. Santa Monica, Rand Corp., 1951. 20 pp.
A study of the basis afforded by Mandelbaum's logical structure and presuppositions for quantitative prediction and planning in backward areas, including the determinants of the flow of labor and the assumptions that have to be made to estimate the coefficients needed.

1981 Breese, Gerald.
Industrial land use in Burlington County, New Jersey. A survey and analysis of selected factors affecting existing and potential industrial location along major transportation routes in the New Jersey area between Trenton and Camden. Published with the cooperation of the Burlington County Division, Greater Philadelphia-South Jersey Council. Princeton, Princeton University, Bureau of Urban Research, May, 1951. v, 89 pp.

1982 British African Land Utilisation Conference.
Final report . . . Jos, Nigeria, November, 1949. London, H. M. Stationery Office, 1950. 52 pp.
". . . no solution to present problems of the degradation of land is to be found by moving peasants from these to unoccupied lands unless on a settled plan assured of not producing the same degradation there." [Journal of African Administration 3(1)]

1983 Devillars, P.
Moroccan immigration into France. Conclusion. (L'immigration marocaine en France. Suite.) Bulletin Economique et Social du Maroc 13(3):201-207. 1950.

1984 Guggisberg, A.
Rural migration to towns in Switzerland from 1870 to 1941. (Die Landflucht in der Schweiz von 1870-1941.) Agrarpolitische Revue 7:179-183. Dec., 1950.

1985 Heisch, R. B.
Survey of the Kerio Valley. East African Medical Journal 27(6):233-242. June, 1950.
A study of a valley in Kenya to determine the suitability of the practically uninhabited valley for the resettlement of Africans from overpopulated areas. [T.D.B. 49(1)]

1986 Hofstee, E. W.
Agriculture and migration. Economisch-Statistische Berichten 35:1024-1026. Dec. 20, 1950.° [In Dutch]

1987 Legendre, P.
Rural migrations in 1949, 1950, and 1951. (Les migrations rurales en 1949, 1950, et 1951.) France, Ministère de l'Agriculture, Information Juridique et Sociale 54:1-7. Jan., 1951.

1988 Lento, Reino.
Internal migration and factors affecting it in Finland in 1878-1939. (Maassamuutto ja siihen vaikuttaneet tekijät Suomessa vuosina 1878-1939.) Väestöpoliittisen Tutkimus-laitoksen Julkaisuja, Sarja A:5. Helsinki, 1951. 251 pp.; 10 tables; 12 figures. [English summary, pp. 243-251]
Short- and long-term fluctuations in migration from year to year and decade to decade; the geographical distribution of migrants between urban and rural districts, individual communities, and the different administrative departments; the causes of the variations in the intensity and direction of internal migration at different times.

1989 McAuley, James.
Agricultural production in New Guinea. South Pacific (Sydney), Dec., 1948. Pp. 73-81.
The settlement of native families permanently around places of work is not regarded as feasible because of the instabilities of plantations and mining. [A.S.S.A. No. 9]

1990 Metropolitan Life Insurance Co.
Our elders move westward. Statistical Bulletin 32(6):5-7. June, 1951.

1991 Molin, K.
Deserted habitations and depopulation in the parish of Järnboås. Svensk Geografisk Årsbok 26:102-118. 1950.° [In Swedish]
Summary in English. [U.S.D.A. 15(6)]

1992 Nelson, Helge.
The cotton crisis and Negro migration in

the U.S.A. Svensk Geografisk Årsbok 26: 207-214. 1950.° [In Swedish]

1993 Perini, Dario.
The immigration of Sicilian peasants into central and northern Italy. (L'immigrazione di contadini siciliani nell'Italia centrale e settentrionale.) Rivista di Economia Agraria (Roma), Fasc. 3. 1950.°

1994 Perks, W. A. G.
Changes in migration trends. (Veranderingen in de migratietendenzen.) Tijdschrift voor Economische en Sociale Geografie 42(5-6):118-127. May-June, 1951.
Inter-district emigrants and immigrants, by age, based on place of birth data of the 1947 census.

1995 Price, Daniel O.
Some socio-economic factors in internal migration. Social Forces 29(4):409-415. May, 1951.
An analysis of United States census data relating characteristics of migrants to such socio-economic measures as wages, retail sales per capita, urbanism, median monthly rentals, and mechanization of agriculture.

1996 Reynolds, Lloyd G.
The structure of labor markets; wages and labor mobility in theory and practice. Yale Labor and Management Center Series. New York, Harper, 1951. ix, 328 pp.

1997 Rodehaver, Myles W., and Smith, Luke M.
Migration and occupational structure: The clergy. Social Forces 29(4):416-421. May, 1951.
Reasons for migration among the clergy in the United States.

1998 Vander Vaeren, J.
A new way of fighting against the rural exodus: "Village cooperation." (Un nouveau moyen de lutter contre l'exode rural: "Les concours entre villages.") Académie d'Agriculture de France, Comptes Rendus 36:595-600. Oct. 25-Nov. 8, 1950.°

[See also Titles 1626, 1738, 2025, 2090, 2150, 2175]

Settlement

1999 Amaral, Max T. d'.
Contribution to the history of German colonization in the Valley of Itajai. (Contribuição à história da colonização alemã no vale do Itajaí.) São Paulo, Instituto Hans Staden, 1950. 73 pp.

2000 Brazil. Laws.
Legislation concerning aliens. (Legislação de estrangeiros.) Rio de Janeiro, 1950. 277 pp.°

2001 Bruyh, M. G. W. de.
New Guinea and the possibilities of colonization by whites. (La nouvelle Guinée et les possibilités du colonat blanc.) La Revue Colonial Belge, No. 129, pp. 127-129. Feb. 15, 1951.°

2002 Caribbean Commission.
Some aspects of the development of Surinam. Caribbean Commission Monthly Information Bulletin 3(9):318-319. April, 1950.
Introduction to the Surinam five years plan. Ibid. 3(10):357-364. May, 1950. [The introduction to the plan of the Netherlands, which involves the integration of "experienced and financially independent Dutch farmers" in a development of mechanized agriculture.]

2003 Carrie, J.
The nationality of alien farmers in France and their geographic location. (La nationalité des agriculteurs étrangers en France et leur implantation géographique.) France, Ministère de l'Agriculture, Revue des Etudes et Monographies, Nov., 1950. Pp. 245-249, 251-256.

2004 Carter, Hugh, and Doster, Bernice.
Residence and occupation of naturalized aliens from Italy. Immigration and Naturalization Service, Monthly Review 9(1):5-11. July, 1951.
See also 17(3):Title 1416.

2005 Church, R. J. Harrison.
Modern colonization. London, Hutchinson's University Library, 1951. 165 pp.°

2006 Eisenberg, Sidney S.
Phases in the resettlement process and their significance for case work with new Americans. Jewish Social Science Quarterly 27:86-96. 1950.°

2007 Ferraz, Paulo M.
Notes on the history of the colonization of Blumenau, 1850-1860. (Apontamentos para a história da colonização de Blumenau, 1850-1860.) São Paulo, Instituto Hans Staden, 1949. 32 pp.

2008 Galbraith, John S.
Land policies of the Hudson's Bay Com-

pany, 1870-1913. Canadian Historical Review 32(1):1-21. March, 1951.

2009 Gordon, Donald C.
The Australian frontier in New Guinea, 1870-1885. Columbia University, Faculty of Political Science, Studies in History, Economics, and Public Law, No. 562. New York, Columbia University Press, 1951. 301 pp.
While the primary purpose is the description of the causes that led the British Empire to annex Papua, there is material on settlement activities.

2010 Gottmann, Jean.
The "melting-pot" of populations in Israel. (Le "creuset" des populations en Israël.) Politique Etrangère 16(2):109-118. 1951.
Assimilation associated with mass immigration.

2011 Jacquerye, J.
Future of the white population in Katanga. (L'avenir de la population blanche au Katanga.) Belgium, Comité Spécial du Katanga. Comptes Rendus du Congrès Scientifique, Elisabethville, 1950. Vol. 5, pp. 258-269. 1950.°

2012 Lahman, Otokar.
Yugoslav emigrants around the estuary of the Mississippi. (Naši iseljenici oko ušća Mississippija.) Geografski Glasnik, Broj 11-12, pp. 135-146. 1949-1950.°
Summary in English, p. 146. [C.G.P. 14 (6)]

2013 Pfister, Maria.
The psychology of the refugee. (Zur Psychologie des Flüchtlings.) Gesundheit und Wohlfahrt 29:552-563. 1949.°

2014 Piasecki, Dionizy.
Origin of Biskupin in the light of morphological analysis. (Geneza grodu Biskupińskiego w świetle badań morfologicznych.) Czasopismo Geograficzne 20(1-4): 185-197. 1949.
Investigations of evidences of early history and settlement of an area in Poland.
Summary in English, p. 197.

2015 Ruben, W.
Observations on the history of Anatolian settlements. Ankara Universitesi Dil ve Tarih-Coğrafya Fakültesi Dergisi 5:369-389. Sept.-Oct., 1947. [In Turkish]
The founding and development of some villages in Central Anatolia. [M.E.J. 2(2)]

2016 Schlenger, Herbert.
The colonization of Silesia in historical times. (Die Besiedlung Schlesiens in geschichtlicher Zeit.) Geographische Rundschau 3(2):45-52. Feb., 1951.°

2017 Sousa, João G. de., Editor.
Goyaz, a new human frontier. (Goiás, uma nova fronteira humana.) Rio de Janeiro, Conselho de Imigração e Colonização, 1949. xi, 237 pp.
The historical development of central Brazil, the physical environment, economic structure, communication and transportation, the human element (population increase, structure, composition and migration), social institutions, relations of man and the land, colonization, etc.

2018 Titiev, Mischa.
The Japanese colony in Peru. The Far Eastern Quarterly 10(3):227-247. May, 1951.
A description and interpretation of changes, prewar years and 1948, with a sketch of settlement history.

2019 U.S. E.C.A. Technical Assistance Commission on the Integration of the Refugees in the German Republic.
The integration of refugees into German life. Submitted to the Chancellor of the Federal Republic of Germany, March 21, 1951. Washington, National Planning Association, 1951. 109 pp.
A program is presented ". . . to turn the refugee problem into a moral and economic victory," pp. 7-35, including industrial employment; handicraft, trade and the professions; farm settlement; resettlement; housing; social welfare. Appendix A includes estimates of the population structure of West Germany, 1939-1979. (See Title 1740, this issue.)
A separate volume entitled "Appendices to the integration of refugees into German life" contains the detailed findings on which the program was based and a full report on individual state fiscal and requirements estimates.

2020 Wilhelmy, Herbert.
Settlement in the South American forests. (Siedlung im südamerikanischen Urwald.) Schriftenreihe "aus weiter Welt," Band 1. Hamburg-Blankenese, Krögers Verlagsanstalt, 1949. 104 pp.°

[See also Titles 1622, 1648, 2089, 2121]

VII: REGIONAL STUDIES

2021 Bouianovsky, Eugenie.
The U.S.S.R. — summary of basic economic information. International Reference Service, Bureau of Foreign and Domestic Commerce, Vol. 7, No. 122. Washington, 1950. 20 pp.
Population given is that of 1939.

2022 Brelsford, William V.
Fishermen of the Bangweulu swamps: A study of the fishing activities of the Unga Tribe. The Rhodes-Livingstone Papers, No. 12. Livingstone, Northern Rhodesia, Rhodes - Livingstone Institute, 1946. 169 pp.
In addition to Ch. I, "The people and their country," there are appendices on the history of the Unga and on the ill-health consequent on swamp life.

2023 Caribbean Commission.
Agricultural and sociological survey underway for Saba, St. Martin and St. Eustatius. Caribbean Commission Monthly Information Bulletin 4(7):672-673. 1951[?].
By the Development Planning Bureau at Curaçao and the Netherlands Antilles Development Information Bureau at Amsterdam.

2024 Castetter, Edward F., and Bell, Willis H.
Yuman Indian agriculture: Primitive subsistence on the lower Colorado and Gila Rivers. Albuquerque, University of New Mexico Press, 1951. xi, 274 pp.
This, as the earlier study of "Pima and Papago Indian Agriculture," 1942, considers the relation of country, people, and subsistence.

2025 Cumberland, Kenneth B.
New Zealand's Pacific Island neighbourhood. The post-war agricultural prospect. New Zealand Geographer, April, 1949. Pp. 1-18.
The possible readjustments from the agricultural prosperity and the accelerated urbanization in Fiji, Tonga, Cook Islands, and Samoa. [A.S.S.A. No. 9]

2026 Despois, Jean.
North Africa. (L'Afrique du Nord.) Paris, Presses Universitaires de France, 1949. 624 pp.
Basically an economic geography on French Africa north of the Sahara, including ethnology, distribution, structure, and differential population trends. [M.E.J. 3(3)]

2027 Dolan, Paul.
The land and the people [of Delaware]. Johns Hopkins University, Studies in Historical and Political Science, Series 68, No. 1, pp. 21-47. 1950.°

2028 Fisher, W. B.
The Middle East: A physical, social and regional geography. London, Methuen and Company, Ltd., 1951. xiii, 514 pp.

2029 France. Institut National de la Statistique et des Etudes Economiques. Direction de la Conjoncture et des Etudes Economiques.
Soviet Asia. (L'Asie soviétique.) Etudes et Documents, Série D.3. Paris, Presses Universitaires de France, 1949.
A regional analysis, including something on demography as basis for resources assessment and economic analysis.

2030 Freeman, Otis W., Editor.
Geography of the Pacific. New York, Wiley, 1951. 573 pp.
Chs. 1-3 consider the physical setting, native population, and exploration of the Pacific Islands and Australia. Further chapters describe the regional geography of Australia, New Zealand, Melanesia, Micronesia, Polynesia, Indonesia, the Philippines, Hawaiian Islands, the Kuriles, Ryukyus, and other islands.

2031 Hage, C.
The Island of North Beveland. (Noord-Beveland.) Tijdschrift voor Economische en Sociale Geografie 42(4):86-97. April, 1951.
Some consideration of the causes of the low birth rate and out-migration.

2032 Helbig, Karl.
The island world of Southeast Asia. . . . (Die südostasiatische Inselwelt. Inselindien.) Stuttgart, Franckh, 1949. 149 pp.
Ch. B covers population groups, distribution, settlement, and cultural conditions. Ch. F presents surveys of the most important islands and island groups.

2033 Henze, Paul B.
The economic development of Soviet Central Asia to the eve of World War II. Royal Central Asian Journal 36:278-296. July-

Oct., 1949.

The first part of a detailed study of Soviet methods applied to a semi-colonial area. There are sections on population, agriculture, etc. [M.E.J. 4(1)]

2034 Hoover, Calvin B., and Ratchford, B. U.

Economic resources and policies of the South. National Planning Association, Committee of the South, Report No. 5. New York, The Macmillan Co., 1951. xxvii, 464 pp.

The structure of the economy, the changes from 1929 to 1949, and alternative policies for the more efficient use of resources to raise income. An inventory of physical and human resources precedes the detailed economic analysis and policy formulation.

See also 16(2):Title 914.

2035 Inter-American Economic and Social Council.

Secretariat report on economic conditions and problems of development in Latin America. By Loreto M. Domínguez. Washington, Pan American Union, 1950. 156 pp.

Section 1, "Present status of the Latin American economics," covers population, manpower and employment; output and living standards; and low levels of output, income and consumption as consequences of the stage of economic development.

2036 Kenya. African Affairs Department.

Annual report, 1948. Nairobi, Govt. Printer, 1950. 70 pp.

Including brief notes and materials from the 1948 census and information on resources, economy, social change, and population movements.

2037 Lattimore, Owen.

Pivot of Asia. Sinkiang and the Inner Asian frontiers of China and Russia. Boston, Little, Brown and Co., 1950. xii, 288 pp.

There are chapters on the lands and peoples of Inner Asia, with a detailed discussion of nationalities.

2038 Lengyel, Emil.

The Middle East. Oxford Social Studies Pamphlets, No. 8. New York, Oxford Book Co., 1951. iii, 68 pp.

Ch. 3, "The peoples of the Middle East."

2039 Meade, Edward G.

American military government in Korea. New York, King's Crown Press, 1951. xii, 281 pp.

"The purpose ... is to examine and analyze the American military operation in Korea during 1945-46. . . . The experimental laboratory selected is Cholla Nam Do. . . ." Ch. II, "Peninsula and provinces," considers area, people, and economy.

2040 Mirov, Nicholas T.

Geography of Russia. New York, Wiley, 1951. 362 pp.

For all Russia and twenty regions, location, climate, topography, soils and vegetation, animal life and people.

2041 Oliver, Douglas L.

The Pacific Islands. Cambridge, Harvard University Press, 1951. x, 313 pp.

This broad analysis for the nonspecialist begins with the islanders—Australian, Melanesian, Polynesian, and Micronesian—and then considers the coming of the aliens from the explorers of the period from 1520 to 1780 to the miners and administrators of the prewar period. The contact of cultures is indicated in a series of chapters grouped under the title "Metamorphosis," and then a brief section of four chapters outlines "Cataclysm and aftermath."

2042 Ormsby, Hilda R.

France; a regional and economic geography. Second edition, revised. London, Methuen, 1950. xiv, 525 pp.

2043 Pierson, Donald, et al.

Cruz das Almas, a Brazilian village. Smithsonian Institution, Institute of Social Anthropology, Publication No. 12. Washington, Govt. Printing Office, 1948. viii, 226 pp.; illustrations.

The life of rural people in a village near São Paulo, including population data collected in 1948.

2044 Roberts, Norman S.

Iran; economic and commercial conditions. Board of Trade, Export Promotion Department, Overseas Economic Surveys. London, H. M. Stationery Office, 1948. vi, 50 pp.

2045 Royal Institute of International Affairs.

The Middle East: A political and economic survey. London, 1950. 516 pp.

Basic information for individual countries.

2046 Shabad, Theodore.

Geography of the U.S.S.R. A regional survey. New York, Columbia University Press, 1951. 615 pp.°

2047 Southern Rhodesia. Secretary for Native Affairs. Chief Native Commissioner

and Director of Native Development.

Report . . . for the year 1949. Presented to the Legislative Assembly, 1950. Bulawayo, The Rhodesian Printing and Publishing Co., 1950. 98 pp.

There is a general section organized by subjects, including population, labor, etc. There are supplementary reports by the Native Land Board and Native Area Administration (including land settlement), Commissioner of Native Labour (including migrant labor), the Director of Irrigation, etc.

2048 United Nations. Comisión Economía para América Latina.

Economic study of Latin America. (Estudio económico de América Latina, 1949.) E/CN.12/164/Rev.1. New York, 1951. x, 554 pp.

Part I, "Growth, disequilibrium and disparity; an interpretation of economic development." Part II, "Economic development in some Latin American countries." Here are country surveys for Argentina, Brazil, Chile, and Mexico, including the demographic factor and occupational structure.

2049 United Nations. Economic and Social Council.

Review of economic conditions in Africa. E/1910/Add.1. New York, 1951. 229 pp.

Issued as a section of the preliminary version of the "World Economic Report, 1949-50" (E/1910). The survey covers the basic characteristics of African economy; recent economic trends, including labor and a note on the demographic situation in Africa; and plans for economic development.

2050 United Nations. Trusteeship Council. Visiting Mission to East Africa.

Report on Ruanda - Urundi and related documents. Fourth Session, Supplement No. 2. T/217, T/217/Add.1, T/361/Add.1, T/376. Lake Success, 1950.

Section II, "Economic questions"; Section III, "Social questions," including public health, labor, and labor migration.

2051 United Nations. Trusteeship Council. Visiting Mission to Trust Territories in West Africa.

Reports . . . and related documents. Official records of the Seventh Session of the Trusteeship Council, 1 June-21 July 1950, Supplement No. 2 (T/798). New York, 1951. v, 137 pp.

Reports on the Cameroons under British administration, the Cameroons under French administration, Togoland under French administration, and Togoland under British administration.

2052 U.S. Council of Economic Advisers. Committee on the New England Economy.

The New England economy. A report to the President transmitting a study initiated by the Council of Economic Advisers. Washington, Govt. Printing Office, 1951. xxxvi, 205 pp.

This report deals ". . . both with the problem of defense mobilization in New England and with requirements for long-range regional economic stability and growth." Part I, "The New England economy," surveys population and employment trends. Part II, "New England's competitive position," has a chapter on labor costs.

2053 Wilber, Donald N.

Iran, past and present. Revised edition. Princeton, Princeton University Press, 1950. 244 pp.

[See also Titles 1632, 1639, 1656]

VIII: CHARACTERISTICS

Social and Economic

2054 Andrews, J.

Australia's resources and their utilisation. Part 2. Sydney, Commonwealth Office of Education, 1949. 74 pp.

Part 2 concerns secondary industries, including the reasons for the shortage of labor, population trends and future manpower prospects in the light of present immigration policy. [A.S.S.A. No. 9]

2055 Beltrami, D.

The economic and professional composition of the Venetian population in the seventeenth and eighteenth centuries. (La composizione economica e professionale della popolazione di Venezia nei secoli XVII e XVIII.) Giornale degli Economisti e Annali di Economia, Jan.-Feb., 1951.°

2056 Bowles, Gladys K., et al.

The hired farm working force, 1948 and

1949. Washington, Bureau of Agricultural Economics, 1950. 45 pp.

Data of two enumerative sample surveys.

2057 Fisher, Janet A.

The economics of an aging population. A study of the income, spending, and saving patterns of consumer units in different age groups, 1935-1936, 1945 and 1946. Ann Arbor, University Microfilms, 1950.

2058 France. Direction Générale de l'Aménagement du Territoire, and Institut National de la Statistique et des Etudes Economiques.

Statistical results of an investigation of property built in rural communes.... (Résultats statistiques d'une enquête sur la propriété bâtie dans les communes rurales. Littoral Méditerranéen Occidental.) Paris, Imprimerie Nationale, 1950. 81 pp.

A detailed tabulation of the characteristics of housing in relation to use and population, with a tabular resume for the region. Volumes have been published for Sud-Est, Bretagne, Sud-Ouest, Sud, Nord, Normandie, Arrière-Pays de l'Ouest, Ouest Atlantique, Est, Nord-Est, Bassin Parisien, Centre Occidental, Centre Septentrional, Centre Oriental, Alpes Septentrionales.

2059 France. Institut National de la Statistique et des Etudes Economiques.

A sample survey of employment. (Une enquête par sondage sur l'emploi.) Bulletin Mensuel de Statistique, Nouvelle Série, Supplément Jan.-March, 1951. Pp. 1-24. [With data on the characteristics of the labor force.]

.... Sampling errors. (.... Erreurs d'échantillonnage.) Ibid., Supplément April-June, 1951. Pp. 22-26.

2060 France. Institut National de la Statistique et des Etudes Economiques.

Results of the general census of civil servants conducted in 1950. (Résultats du recensement général des fonctionnaires effectué en 1950.) Bulletin Mensuel de Statistique, Nouvelle Série, Supplément April-June, 1951. Pp. 10-21.

A summary report for the nation, regions, departments, and overseas areas, giving economic status within the occupation separately for national, departmental, and communal employees. The major results of a comparable census taken in 1947 were published in Etudes et Conjoncture, Jan.-Feb., 1951.

2061 France. Ministère de la France d'Outre-Mer, Service des Statistiques, and Institut National de la Statistique et des Etudes Economiques.

Statistical yearbook of the French Union Overseas, 1939-1946. Chapter E. Labor. (Annuaire statistique de l'Union Française Outre-Mer, 1939-1946. Chapitre E. Travail.) Paris, Imprimerie Nationale de France, 1949. 66 pp.

Numbers of European and African wage earners for French West Africa, Togo, Cameroons, French Equatorial Africa, Madagascar, Indo China, New Caledonia, St. Pierre and Miquelon, Martinique, Guadeloupe, Guiana, Réunion, Algeria, Tunisia, and Morocco.

For reference to the chapter on territory and population, see 15(4):Title 1753.

2062 Gibb, H. A. R., and Bowen, Harold.

Islamic society and the West. I: Islamic society in the 18th century. Part I. London, Royal Institute of International Affairs, 1950. 386 pp.

The impact of Western culture on Muslim culture in the Middle East.

2063 International Labour Office.

Labour conditions in the oil industry in Iran. Studies and Reports, New Series, No. 24. Geneva, 1950. 185 pp.

Including a section on the labor force.

2064 Japan. Ministry of Labor. Division of Labor Statistics and Research.

Year book of labor statistics and research 1949. Tokyo, 1951. 284 pp.

The general section on employment and unemployment includes analysis of the composition of the labor force, the characteristics of employed workers, and trends in regular workers, together with descriptions of the labor force survey, the census of wages and employment in 1948, and the revised monthly wage and employment survey.

The report is bilingual.

2065 Kiel. Universität. Institut für Weltwirtschaft.

Structural changes and postwar problems of the economy.... (Strukturwandlungen und Nachkriegsprobleme der Wirtschaft ....) Kieler Studien, Forschungsberichte des Instituts für Weltwirtschaft an der Universität Kiel.... Kiel, 1950-.

No. 8 concerns Norway; No. 9, Denmark; No. 10, Iceland; No. 13, Austria.

2066 Lamprecht, Heinz.

Population stratification in North Rhine-Westphalia. A comparative investigation of the prewar and postwar periods. (Die Bevölkerungsumschichtung in Nordrhein-Westfalen. Eine vergleichende Unter-

suchung der Vor- und Nachkriegszeit.) Dortmunder Schriften zur Sozialforschung, Heft 11. Dortmund, Verlag "Soziale Welt," 1949. 72 pp.

2067 Landshut, Siegfried.
Jewish communities in the Muslim countries of the Middle East. A survey prepared for the American-Jewish Committee and the Anglo-Jewish Association. London, Jewish Chronicle, 1950. xi, 102 pp.
A historical introduction is followed by country surveys.

2068 Langrand, Gustave.
Social and religious organization of a Vietnamese village. Vie sociale et religieuse en Annam. The study of a village on the South Annam coast. [No place of publication] 1950. 33 pp.
With some information on population, ethnic groups, and migration.

2069 Lasker, Bruno.
Human bondage in Southeast Asia. Published under the auspices of the Institute of Pacific Relations. Chapel Hill, University of North Carolina Press, 1950. 406 pp.

2070 Leontief, Wassily W.
The structure of American economy, 1919-1939; an empirical application of equilibrium analysis. Second edition. New York, Oxford University Press, 1951. xvi, 264 pp.

2071 Liashchenko, Petr I.
History of the national economy of Russia, to the 1917 revolution. Translated by L. M. Herman. New York, The Macmillan Co., 1949. xiii, 880 pp.
Translated under the Russian Translation Project of the American Council of Learned Societies.
Part I. Precapitalist structures (primitive economy and its decline; feudal-serf economy, including the emergence of feudalism and the period of feudal fragmentation, later feudal developments); Part II. Capitalism (industrial capitalism, the economy of the national minority borderlands and the colonial policy of tsarism during the nineteenth and twentieth centuries, and the era of imperialism in Russia during the twentieth century).

2072 Marrero, Levi.
Geography of Cuba. (Geografía de Cuba.) La Habana, ALFA Press, 1951. xvi, 736 pp.
The second section on the cultural landscape includes the population factor. The third part is a detailed study of four major regions. [Economic Geography 27(2)]

2073 Myers, Charles A., and Shultz, George P.
The dynamics of a labor market; a study of the impact of employment changes on labor mobility, job satisfactions, and company and union policies. New York, Prentice-Hall, 1951. x, 219 pp.

2074 Netherlands. Centraal Bureau voor de Statistiek, and Bureau van de Rijksdienst voor het Nationale Plan.
Commentary on three cartograms concerning the occupational composition of the population in the Netherlands communes on the basis of the population and occupational census of May 31, 1947. (Toelichting op een drietal cartogrammen betreffende de beroepsstructuur van de bevolking in de Nederlandse gemeenten op grond van de volks- en beroepstelling van 31 mei 1947.) Tijdschrift voor Economische en Sociale Geografie 42(4):73-77. April, 1951. [English summary, pp. 76-77.]

2075 Netherlands. Ministerie van Sociale Zaken. Rijksarbeidsbureau.
The labor market during the fourth quarter of 1950. (De arbeidsmarkt gedurende het vierde kwartaal 1950.) 1950.
Including tabulations of the numbers and characteristics of migrants.

2076 Rédei, Jenő.
The class composition of the population of Hungary according to the census of 1949. (Magyarország népességének osztályszerkezete az 1949. évi népszámlálás adatai alapján.) Statisztikai Szemle 3(6):527-536. June, 1951.

2077 Smith, R. H.
Labour resources of Natal. New York, Oxford University Press, 1950. vi, 93 pp.

2078 United Kingdom. Central Statistical Office.
Statistical digest of the war. History of the Second World War, United Kingdom Civil Series. London, H. M. Stationery Office, 1951. 256 pp.
This, one of the four introductory volumes to the United Kingdom Civil Histories, includes statistics on manpower.

2079 U. S. Bureau of Labor Statistics.
Fact book on manpower. Selected statistics on the population and labor force of the United States, on its industrial and occupational distribution and on potential manpower resources under conditions of na-

tional emergency. Washington, 1951. 75 pp.

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City employment in 1950. G-GE50-No. 6. Washington, 1951. 44 pp.

2081 U. S. Bureau of the Census.
State distribution of public employment in 1950. Washington, 1950. 22 pp.

2082 U.S. Congress. Senate. Committee on Small Business.
Industrial manpower. Hearings before the Subcommittee on Manpower of the Select Committee on Small Business, United States Senate, Eighty-second Congress, First Session, on manpower problems of small business. March 6, 7 and 22, 1951. Washington, Govt. Printing Office, 1951. iii, 121 pp.

2083 U.S. Council of Economic Advisers.
The economic report of the President transmitted to the Congress January 1951 together with a report to the President. The annual economic review by the Council of Economic Advisers. Washington, Govt. Printing Office, 1951. v, 241 pp.
The annual economic review includes manpower and employment problems and policies. Appendix A, "Statistical tables relating to employment, production, and purchasing power," includes summary tabulations of labor force, employment, and unemployment.

2084 U. S. Department of Agriculture.
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Ch. IX, "Farm resources, income and expenses," includes current official statistics and estimates of farm population and employment.

2085 Yamada, Yuzo.
The national income and industrial structure in Japan. The Annals of the Hitotsubashi Academy 1(1):15-34. Oct., 1950.

[See also Titles 1623, 1638, 1674, 1685, 1688-1691, 1759, 1922, 2052, 2141]

Ethnic and National

2086 Bedr Khan, Kamuran 'Ali.
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2087 Berry, Brewton.
Race relations. The interaction of ethnic and racial groups. Boston, Houghton Mifflin, 1951. xii, 487 pp.

2088 Chen, Li-sung.
Races in Indo-China. Journal of the South Seas Society 6(2):37-45. Dec., 1950.
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2089 Chiang, Liu.
New Foochow, the Chinese settlement in Sarawak. Journal of the South Seas Society 6(2):9-13. Dec., 1950.
In Chinese. [C.G.P. 14(5)]

2090 Condominas, Georges.
Aspects of a minority problem in Indochina. Pacific Affairs 24(1):77-82. March, 1951.
Vietnamese migration into the Moi country.

2091 Devaney, Allan C.
Nationality provisions of Internal Security Act of 1950. Immigration and Naturalization Service, Monthly Review 8(12):158-163. June, 1951.

2092 Dickson, Harald, and Wendt, Paul F.
Housing characteristics of the United States and Sweden, 1930-1946. Land Economics, Monograph Series, 1. Madison, 1950. 28 pp.

2093 Forde, C. Daryll, Editor.
Ethnographic survey of Africa. International African Institute, Oxford University Press, 1950. 4 vols.
Manoukian, M. Akan and Ga-Adangme peoples of the Gold Coast. 112 pp.
McCullock, M. Peoples of the Sierra Leone Protectorate. 102 pp.
Forde, C. Daryll, and Jones, G. I. The Ibo and Ibibio speaking peoples of South East Nigeria. 94 pp.
Tew, Mary. Peoples of the Lake Nyasa region. 131 pp.
These volumes include in systematic form data on ethnic composition, language, history, political and social organization, etc. The East Central African volume also includes materials on agriculture, land tenure, inheritance, etc. [Journal of African Administration 3(1)]

2094 Garry, Robert.
Ethnic stratification in the mountains of Upper Tonkin and southwest of China. An essay in human geography. (La stratification ethnique dans les montagnes du Haut-Tonkin et du Sud-Ouest de la Chine. Essai de géographie humaine.) Revue Canadienne de Géographie 4(3-4):90-114. July-Oct., 1950.°

2095 Helbig, Karl.
The Chinese element in Southeast Asia .... (Das chinesische Element in Südostasien. Herkunft, Verteilung und Aufgaben.) Die Erde 1:54-61. 1950-1951.°

2096 Lembezat, B.
Kirdi. The heathen populations of North Cameroon. (Kirdi. Les populations païennes du Nord-Cameroun.) Série: Populations, No. 3. Doula, Cameroun, Institut Français d'Afrique Noire, Centre du Cameroun, 1950. 101 pp.
Geographical and historical resume; characteristics of material and social life of the various tribes; particular characteristics of different peoples.

2097 Lieurade, L.
General remarks on the mountain populations of southern Indochinese. (Généralités sur les populations montagnardes du Sud indochinois.) Bulletin de la Société des Etudes Indochinoises, Nouvelle Série, 26(1): 5-12. 1951.°

2098 Lilienthal, Philip E.
Documentation of the Lucknow Conference. Pacific Affairs 23(4):402-416. Dec., 1950.
The theme of the Conference was "Nationalism in the Far East and its international consequences." Here the documentation is summarized to indicate its relevance to the theme of the Conference.

2099 Marty, Germaine.
Algerians in Tunis. (Les Algeriens à Tunis.) Ibla (Tunis) 11(3-4):301-334. 1948.°

2100 Marty, Germaine.
Moroccans in Tunis. (Les Marocains à Tunis.) Ibla (Tunis) 12(1):25-32. 1949.°

2101 Musée du Congo Belge. Bureau de Documentation Ethnographique.
Ethnographic bibliography of the Belgian Congo and neighboring regions, 1945-1946. (Bibliographie ethnographique du Congo Belge et des régions avoisinantes, 1945-1946.) Publications, Série 1, Vol. V, Fasc. 1. Bruxelles, Van Campenhout, 1950. 202 pp.°

2102 Nadel, S. F.
The Nuba. An anthropological study of the hill tribes of Kordofan. London, Oxford University Press, 1947. xvi, 527 pp.
A government-sponsored study, including economy, Arab influences, etc. [M.E.J. 3 (1)]

2103 Robakidze, A. I.
Ethnographic work of the Academy of Sciences of the Georgian SSR. Sovetskaya Etnografiya 3:162-165. 1946. [In Russian]
The work of the preceding five years. [M.E.J. 1(4)]

2104 Rose, Arnold M., Editor.
Race prejudice and discrimination. Readings in intergroup relations in the United States. New York, Knopf, 1951. xi, 605 pp.
The readings are grouped into five major sections: I. Minority problems in the United States; II. The kinds of discrimination; III. Group identification and the minority community; IV. Perceptions of the minority and the causes of prejudice; V. Proposed techniques for eliminating minority problems.

2105 Shimoni, Yaacov.
The Arab minority in the State of Israel. Jerusalem, Institute for Zionist Education, 1950.°

2106 Silcock, T. H., and Aziz, Ungku A.
Nationalism in Malaya. Institute of Pacific Relations, Lucknow Conference, Secretariat Paper No. 8. New York, Institute of Pacific Relations, 1950. 48 pp.

2107 Simões, Nuno.
Portuguese over the world. Sketch of a study and notes of a campaign. (Portugueses no mundo. Esboço para um estudo e notas de uma campanha.) Lisboa, 1940. 382 pp.

2108 Stewart, Watt.
Chinese bondage in Peru. A history of the Chinese coolie in Peru, 1849-1874. Durham, Duke University Press, 1951. x, 247 pp.

2109 Türcke, Arthur U. K. E. von.
The right of minorities. Investigations of the right of ethnic minorities. (Minderheitenrecht. Untersuchungen zum Recht der völkischen Minderheiten.) Köln, Kölner Universitätsverlag, 1950. 205 pp.

2110 United Nations. Secretary-General.
Nationality of married women. Commission on the Status of Women. E/CN.6/126/Rev.1. E/CN.6/129/Rev.1. Sales No.:1950. IV.12. New York, 1950. 74 pp.
Part I. Analysis of conflicts of laws in the field of nationality of married women (an analysis of the returns from a questionnaire circulated to member governments, with supplementation for other countries); Part II. Constitutions, laws and other legal instruments relating to the nationality of married women; Annex: Re-

solutions concerning the nationality of married women.

[See also Titles 1616, 1826, 1848, 1928, 2037, 2038, 2041]

Physical and Mental

2111 Ashley Montagu, M. F.
On being human. New York, Henry Schuman, 1950. 125 pp.
An attack on the excesses of Social Darwinism and an exposition of the principles of social evolution precede the major content; the inherent cooperative nature of man. [Public Opinion Quarterly 15(1)]

2112 Carlson, Hilding B., and Henderson, Norman.
The intelligence of American children of Mexican parentage. Journal of Abnormal and Social Psychology 45:544-551. 1950.°

2113 Cohen, John.
Mental health of homeless and transplanted persons. Bulletin of the World Federation of Mental Health 2(4):32-37. 1950.
The research that should be undertaken following a census of such persons. [P.A. 25(3)]

2114 Dale, Alan.
An introduction to social biology. London, Heinemann, 1949. vii, 396 pp.
This text for a boy's secondary school includes chapters on inheritance, reproduction, social hygiene, and the history of medicine.

2115 Dobzhansky, Theodosius G.
The genetic nature of differences among men. Pp. 86-155 in: Persons, Stow, Editor. Evolutionary thought in America. New Haven, Yale University Press, 1950. x, 462 pp.
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2116 Engler, Markus.
Mongolism (peristatic amentia). Baltimore, Williams and Wilkins, 1949. vi, 208 pp.
Distribution, frequency, pathology, prognosis, and etiology. [P.A. 25(2)]

2117 Gauger, Adeline B.
Statistical survey of a group of institutionalized cerebral palsy patients. American Journal of Mental Deficiency 55:90-98. 1950.
A detailed analysis of 141 female patients indicating the role of birth order and other factors in etiology. [P.A. 25(3)]

2118 Glass, Bentley.
The action of selection on the principal Rh alleles. American Journal of Human Genetics 2(3):269-278. Sept., 1950.

2119 Goldstein, Marcus S.
Physical status of men examined through Selective Service in World War II. Public Health Reports 66(19):587-609. May 11, 1951.
Rejection rates by race, causes of rejection, etc.

2120 Heino, A. E., and Niemineva, K. K.
Observations of hereditary somatic diseases in Finland and their importance in medical marriage guidance. Acta Genetica et Statistica Medica 2(1):29-36. 1951.

2121 Lejeune, E. A.
The climates of Tanganyika and the future of its European and black colonists. (Les climats du Tanganika et l'avenir de ses colons européens et ses noirs.) Belgium, Comité Spécial du Katanga. Comptes Rendus du Congrès Scientifique, Elisabethville, 1950. Vol. 5, pp. 239-257. 1950.°

2122 Malzberg, Benjamin.
A statistical study of first admissions with involutional psychoses to hospitals for mental disease in New York State. Psychiatric Quarterly, Supplement 22:141-155. 1948.

2123 Problemy Tuberkuleza.
Problems of heredity in tuberculosis. (Problema nasledstvennosti pri tuberkuleze.) Problemy Tuberkuleza (Moscow), No. 6, pp. 3-4. Nov.-Dec., 1950. [C.L.M.L. 20(3)]

2124 Record, R. G., and McKeown, T.
Congenital malformations of the central nervous system. III. Risk of malformation in sibs of malformed individuals. British Journal of Social Medicine 4(4):217-220. Oct., 1950.

2125 Scheinfeld, Amram.
The new you and heredity. New York, J. B. Lippincott, 1950. 638 pp.
Revised and expanded from "You and heredity," published in 1939. See 6(2):Title 881.

2126 Simey, T. S.
Mental health and the problem of transplanted persons. Bulletin of the World Fed-

eration of Mental Health 1(6):12-16. 1949.

A delineation of the area of study on the basis of types of refugees, transplanted peoples, or migrants. [P.A. 25(3)]

2127 Sorsby, Arnold.

The causes of blindness in England and Wales. United Kingdom, Medical Research Council, Memoranda. London, H. M. Stationery Office, 1950.

2128 Vsesoiûznaîa Akademiîa Sel'Skokhozîaîstvennykh Nauk Imeni V.I. Lenina.

The situation in biological science. Proceedings of the Lenin Academy of Agricultural Sciences of the U.S.S.R. Session, July 31-August 7, 1948. Verbatim report. Moscow, Foreign Languages Publishing House, 1949. 631 pp.

"This translation of the verbatim report of the Session of the Lenin Academy of Agricultural Sciences of the U.S.S.R. has been made from the Russian edition published by the State Publishers of Agricultural Literature, Moscow, 1948." The conclusion was that the Michurin trend in biology, proceeding from the premise that acquired traits can be transmitted, is the constructive development, a "new and higher stage of materialist biology" than the Mendel-Morgan theory. The conclusion of the conference was that ". . . scientific research in the field of biology must be radically reorganized and . . . the biological sections of the syllabuses of educational institutions must be revised."

See also Title 2130, this issue.

2129 Waterhouse, John A. H.

Twinning in twin pedigrees. British Journal of Social Medicine 4(4):197-216. Oct., 1950.°

2130 Zirkle, Conway, Editor.

Death of a science in Russia. The fate of genetics as described in Pravda and elsewhere. Philadelphia, University of Pennsylvania Press, 1949. xiv, 319 pp.

The development of the issue, official warfare, the witch hunt, the recantations, the spread of the heresy hunt, and the reverberations abroad.

See also Title 2128, this issue.

[See also Titles 2171, 2182]

IX: POLICY

2131 Borrie, W. D.

Australian population policy and its relation to demographic problems in Asia. Institute of Pacific Relations, Lucknow Conference, Secretariat Paper No. 2. New York, Institute of Pacific Relations, 1950. 34 pp.

2132 Commonwealth Consultative Committee on South and South-East Asia.

The Colombo plan for co-operative economic development in South and South-East Asia. Report. London, September-October, 1950. Command 8080. London, H.M. Stationery Office, 1950. vi, 101 pp.

"The inevitable short-term trend towards larger populations only emphasises the need for rapid development. The additional problem which this increase in population involves may, however, be counterbalanced to some extent by the increased vigour and productivity of the people . . . . In the longer run experience suggests that a general improvement in standards of living eventually exercises a steadying influence on the growth of population" (p. 9).

A summary was published by the United Kingdom, Treasury, Economic Information Unit, as: New horizons in the East; the Colombo plan for co-operative economic development in South and South-East Asia. (H.M. Stationery Office, 1950. 40 pp.) Here presented against the background of a population increasing more rapidly than production in a land of undeveloped resources.

2133 Correa Avila, Carlos.

The demographic crisis of the white race. (La crisis demográfica de la raza blanca.) Dinámica Social, Revista del Centro de Estudios Económico Sociales 1(3):30-32. Nov., 1950.

2134 Dragotti, G.

Eugenic morality. (La morale eugenica.) Policlinico, Sezione Pratica 57(48):1576-1578. Nov. 27, 1950.

2135 France. Laws, Statutes.

Code of family allowances. (Code des prestations familiales.) Paris, Revue Générale de la Sécurité Sociale, 1947. 19 pp.

2136 France. Ministère de la Santé Publique et de la Population. Service du Docu-

mentation.

Collection of official texts concerning the protection of health and the family issued in 1949. (Recueil des textes officiels concernant la protection de la santé et de la famille promulgués en 1949.) Bulletin de la Ministère de la Santé Publique . . . année 1949. Paris, Imprimerie Nationale, 1950. 896 pp.

2137 Goldschmidt, Paul.

Can the Belgian system of family allowances become an effective means of combatting the decline of fertility? (Le régime belge d'allocations familiales peut-il devenir un moyen efficace de la lutte contre la dénatalité?) Centre d'Etudes et de Documentation Sociales de la Province de Liège, Bulletin Mensuel, Feb., 1951. Pp. 46-54. Discussion, pp. 54-64.°

2138 International Bank for Reconstruction and Development.

The basis of a development program for Colombia. Report of a mission headed by Lauchlin Currie. . . . Washington, 1950. xv, 76 pp.

Ch. VI, "Public health, welfare and education," cites the high mortality, notes the interrelations of health, income, and levels of living, and suggests improvements in the health program.

2139 Kitoaka, Juitsu.

Population problems and population policies. (Jinko mondai to jinko seisaku.) Tokyo, 1948. 238 pp.

Chs. 1-3. General theory and background; 4. Post-war overpopulation; 5. The birth control movement; 6. The policy to increase births; 7. The policy of reducing deaths; 8. Eugenics.

2140 Lewis, W. Arthur.

Colonial development in British Territories. Parts I and II. Caribbean Commission Monthly Bulletin 2(11):309-313; 2(12): 357-361. June and July, 1949.

Where land is available for settlement, there must be movements of population within broad racial groups, as in parts of the West Indies, Nigeria, or Kenya. In areas of superabundant labor, as in the West Indies and parts of Nigeria, agricultural development requires removal of people from agriculture.

2141 Lewis, W. Arthur.

The industrialisation of the British West Indies. Caribbean Economic Review 2(1): 1-61. May, 1950.

Section I, "The need for industrialisation," deals with population growth and density, trends in employment, and the need for industrial employment.

2142 Pujiula, Jaime.

The genes and the moral order and their influence on eugenics. (Los genes y el orden moral y su influencia en la eugenesia.) Revista Internacional de Sociología 8(32): 357-374. Oct.-Dec., 1950.

2143 Sauvy, Alfred.

Has the application of the "family code" contributed to the recovery of fertility in France? (L'application du "code de la famille" a-t-elle contribué au redressement du taux de la natalité en France?) Centre d'Etudes et de Documentation Sociales de la Province de Liège, Bulletin Mensuel, Feb., 1951. Pp. 35-45.°

2144 Schmieden, Werner.

Refugee policy in the United Nations and the European Council. (Die Flüchtlingspolitik der Vereinigten Nationen und des Europarates.) Europa Archiv 6(3):3695-3704. Feb. 5, 1951.°

2145 Senior, Clarence.

Population problems in Puerto Rico. Caribbean Economic Review 2(1):113-121. May, 1950.

The basis for a broad program, including raising levels of living, education, planned parenthood, and emigration.

2146 Sivaswamy, K. G.

Indian agriculture—problems and programmes. Pacific Affairs 23(4):356-370. Dec., 1950.

Agricultural reforms and policies essential to increase domestic productivity to where the increasing population may be maintained without food imports.

2147 Taylor, Maurice C.

Considerations for reclamation policy. Land Economics 17(1):31-40. Feb., 1951.

With an indication of "the importance of population considerations in formulating land policy."

2148 Timlin, Mabel F.

Does Canada need more people? Issued under the auspices of the Canadian Institute of International Affairs. Toronto, Oxford University Press, 1951. xii, 143 pp.

2149 Trillot, J.

Eugenic abortion and à legal eugenics. (De l'avortement eugénique et d'un eugénisme licite.) Annales de Médecine Légale 30(4):204-210. July-Aug., 1950.°

2150 United Kingdom. House of Commons.
Programme of Highland Development. Command 7976. London, H. M. Stationery Office, 1951. 34 pp.
A program to arrest the depopulation of the seven Highland counties, which has been 60 per cent in eighty years.

2151 United Nations. Department of Economic Affairs.
Measures for the economic development of under-developed countries. Report by a Group of Experts Appointed by the Secretary-General of the United Nations. E/1986.ST/ECA/10, 3 May 1951. New York, 1951. ix, 108 pp.
Part 2, "Measures requiring domestic action," includes a brief chapter on population growth in which the nature of the economic, financial, and welfare problems are indicated for types of countries, and study is recommended of ". . . ways and means, which are consistent with the values and culture of each of the peoples concerned, of speeding up the reduction of fertility rates."

2152 United Nations. Social Welfare Division.
United Nations Social Welfare Seminar for Arab States in the Middle East. Beirut, 15 August to 8 September 1949. Technical Assistance for Social Progress No. 3. E/CN.5/175/Rev.1. Sales No.: 1950.IV.8. New York, 1950. 68 pp.
Reports and regional recommendations, including child health, social welfare relating to nomadic tribes, and refugees.

2153 U. S. Commercial Company.
Planning Micronesia's future. A summary of the United States Commercial Company's economic survey of Micronesia, 1946. Edited by Douglas L. Oliver. Cambridge, Harvard University Press, 1951. ix, 94 pp.
A summary and generalization of the factual materials in the various studies of areas and cultures, with recommendations for development.

[See also Titles 1622, 1640, 1645, 1750, 1908, 1919, 1953, 2019, 2034, 2120]

X: ADMINISTRATION AND METHOD

Administration

2154 Centro Estudiantes de Ciencias Económicas. Asunción, Paraguay.
The census of the Americas. (El censo de las Américas.) Revista del Centro Estudiantes de Ciencias Económicas 10(98):1-61. Dec., 1949.
The plan of the census; "Reflections on the census of Paraguay," by Stephan Vysokolán; "National and international importance," by Ricardo Luna Vegas; "The national census of 1950," by Porfirio Villalba; and reports and resolutions of the Conference held in Rio de Janeiro.

2155 Československá Nemocnica.
Obligatory birth reporting. (Povinne hlášení narozených dětí.) Československá Nemocnica 18(1):20-21. Jan., 1950. [C.L.M.L. 20(3)]

2156 Chayle Ceballos, Carlos R.
Problems in demographic statistics. The cause of death on death certificates. (Problemas de estadística demográfica. La causa de muerte en los certificados de defunción.) Universidad de Córdoba, Revista de la Facultad de Ciencias Económicas 2(1): 77-82. 1949.

2157 France. Institut National de la Statistique et des Etudes Economiques.
The activity of the National Commission for the Study of Statistical Problems Relating to Public Health in the years 1949 and 1950. (L'activité de la Commission nationale pour l'étude des problèmes statistiques intéressant la santé publique pendant les années 1949 et 1950.) Bulletin Mensuel de Statistique, Nouvelle Série, Supplément April-June, 1951. Pp. 75-80.

2158 Gutiérrez y Sánchez, Gustavo.
The urgent need of national censuses and statistics. (Urgencia de los censos y estadísticas nacionales.) Cuba, Junta Nacional de Economía, Estudios e Investigaciones Económicas, 2. La Habana, 1949. vi, 159 pp.

2159 Inter American Statistical Institute.
The confidential nature of birth records. (El carácter confidencial de los registros de nacimiento.) Estadística 9(30):25-34. March, 1951.
The plan recommended by the American Association of Registration Executives and

the Council on Vital Records and Vital Statistics.

2160 Jardim, Germano G.
The urban and rural population. (População urbana e população rural.) Reprint from: Revista Brasileira de Estatística, Vol. 11, No. 43. Rio de Janeiro, Serviço Gráfico do Instituto Brasileiro de Geografia e Estatística, 1950. 36 pp.
Problems of definition and classification; distribution of the Brazilian population according to the 1940 census.

2161 Jasny, Naum.
Soviet statistics. Review of Economics and Statistics 32(1):92-99. Feb., 1950.°

2162 Swan, Edward P.
Assignment to Haiti. A Special Report, Bureau of the Census. Washington, 1951. v, 21 pp.
This report of the various phases of a consultant's assignment is presented as an illustration of "the Point IV philosophy in practice."

2163 United Kingdom. Colonial Office.
First conference of colonial government statisticians, 1950. Report. Colonial No. 267. London, H.M. Stationery Office, 1951. 16 pp.
Section III. Demography; Section IV. Migration statistics.

2164 United Nations. Economic Commission for Asia and the Far East.
Report of the Regional Conference of Statisticians jointly organized by the Statistical Office of the United Nations, the International Monetary Fund, and the Secretariat of the Economic Commission for Asia and the Far East. 22 January to 3 February 1951. E/CN.11/265 (E/CN.11/Stat./9). Rangoon, 1951. 61 pp.

2165 U. S. National Committee on Vital and Health Statistics.
Report. First, 1949/50. Washington, National Office of Vital Statistics. 1950-.

2166 Vogelnik, Dolfe.
Record-keeping and statistics. (O evidenciji i statistici.) Statistička Revija 1(1): 18-49. March, 1951. [French and English summaries, pp. 50-51.]
Capitalistic statistics versus those involved in the development of socialism.

2167 World Health Organization. Expert Committee on Health Statistics.
International recommendations on definitions of live birth and fetal death. Public Health Service Publication No. 39. Washington, National Office of Vital Statistics, 1950. 11 pp.

[See also Titles 1659, 1667, 1714, 1743]

Method

2168 Bourgeois-Pichat, Jean.
Measurement of the fecundity of populations. (Mesure de la fécondité des populations.) Institut National d'Etudes Démographiques, Travaux et Documents, Cahier No. 12. Paris, Presses Universitaires de France, 1950. 150 pp.
Ch. I, "The classical measurement of fertility," discusses conventional measures of fertility. Rates based on statistics for the male population as well as the female are considered. Special attention is given to a "thirty-years multiplier." Long-run and short-run projections are discussed. The importance of taking into account age of marriage and duration of marriage as factors in fertility is emphasized.
Ch. II, "The components of legitimate fertility," considers the problem of reducing to a small number of indices the information contained in a table that presents, for a given year and country, the fertility rates of women classified by age of marriage and duration of marriage. Through the use of a cumulated conception rate ("fonction de descendance"), and the concept of "physiological age," introduced by the same author in an earlier study [Population, Vol. I, 1946], three measures are defined: (1) The age after which the women in a population expect to have no more children, (2) an index characterizing the fertility performance of a population before and near marriage, and (3) a series of indices characterizing the fertility of groups of persons who have been married for 1, 2, 3, etc., years. A single index to represent this series, except in troubled periods, is introduced. Examples of the derivation of these rates by graphic and by computational means are given.
Ch. III, "Methods of computation," outlines a scheme for deriving the indices described in cases where fertility tables by age at marriage and duration of marriage are not available.
In Ch. IV, "Applications," a list of principal factors determining the reproductive behavior of a population is developed. The fertility of France and of England and Wales is analyzed in terms of these factors through the use of measures that have been

introduced. The implications of this study for short-run projections are considered. The author concludes that the new rates proposed offer a satisfactory solution of the problem of describing fertility and points to the study of the factors controlling nuptiality as the most important area for future research on the more general problem of the reproduction of populations.

The volume concludes with a mathematical annex. [George F. Mair]

2169 Bourgeois-Pichat, Jean.
The measurement of infant mortality. Principles and methods. (La mesure de la mortalité infantile. Principes et méthodes.) Population 6(2):223-248. April-June, 1951.

A refinement and restatement of the principles and methods of computation based on a division into endogamous and exogamous components.

2170 Brown, S. P.
Analysis of a hypothetical stationary population by family units—a note on some experimental calculations. Population Studies 4(4):380-394. March, 1951.

The construction of a stationary population as a model for estimating the number of families of specific age, sex, and marital status composition, taking into account in the computations mortality, fertility, marriage, divorce, migration, sex ratios, average number of unmarried children under age 25, and family size distributions.

See also Title 2174, this issue.

2171 Fisher, Ronald A.
The theory of inbreeding. London, Oliver and Boyd, 1949. viii, 120 pp.

"A detailed account of the matrix method of calculating the effect of a system of inbreeding." [Annals of Eugenics 15(3)]

2172 France. Institut National de la Statistique et des Etudes Economiques.
Statistical problems of infant mortality. (Les problèmes statistiques de la mortalité infantile.) Bulletin Mensuel de Statistique, Nouvelle Série, Supplément April-June, 1951. Pp. 50-61.

Concepts, methods and hypothesis of the work of M. Bourgeois-Pichat [see Title 2169, this issue], the influence of variations in number of births, separation factors, the rate of perinatal mortality, and the value of the statistics on the causes of infant deaths in France.

2173 Freire, Rémy.
Elements of the theory of life potential. I. Life potential of a generation. (Elementos da teoria dos potenciais-vida. I. Potenciais-vida duma geração.) Revista de Economia (Lisbon) 4(1):1-12. March, 1951.

2174 Glass, Ruth, and Davidson, F. G.
Household structure and housing needs. Population Studies 4(4):395-420. March, 1951.

Numbers of families deduced from a hypothetical stationary population [Title 2170, this issue] are converted into households by size and type and further translated into a distribution of dwellings by size and type. The implications of household mobility for dwelling distributions are noted.

2175 Hägerstrand, Torsten.
A model for comparison between migration-fields and birthplace-fields. Svensk Geografisk Årsbok 26:177-184. 1950.° [In Swedish]

2176 Hansen, Morris H., et al.
Response errors in surveys. Journal of the American Statistical Association 46 (254):147-190. June, 1951.

Non-sampling errors introduced in collection, the requirements of a model for response errors, the use of a model to minimize bias and variance, and the effect of uncorrelated and compensating errors.

2177 Hoffmeyer, H.
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Table 1. Additional Data on Population Growth /a /1

(Notes on page 324)

Country /b	Last Census		Last Official Estimate		Annual Post-Censal Per Cent Rate of Growth /c
	Date	Population (thousands)	Date	Population (thousands)	
North America					
U.S., Continental /2 /d	4/'50	150,697	1/'51	152,365	-
Jamaica	1/'43	J/ 1,237	7/'50	F/ 1,403	-
Trinidad and Tobago	4/'46	558	7/'50	627	2.74
South America					
Venezuela /f	11/'50	4,986	-	-	e/ 2.90
Europe					
Belgium /J	12/'47	8,512	7/'50	8,639	0.57
Poland	12/'50	24,977	-	-	e/ 0.89
Portugal	12/'50	8,490	-	-	e/ 0.95
United Kingdom /g	4/'31	46,038	12/'50	3/ 50,732	-
England and Wales	4/'31	39,952	12/'50	3/ 44,137	-
Northern Ireland	2/'37	1,280	12/'50	3/ 1,380	-
Scotland	4/'31	4,843	12/'50	3/ 5,215	-
Asia					
Indonesia /h	10/'30	60,413	7/'50	73,500	-
Africa					
Egypt	3/'47	i/ 19,088	7/'50	20,439	-
Oceania					
New Zealand /j /4	9/'45	1,702	12/'50	1,941	2.50
Europeans /4	9/'45	1,604	12/'50	1,822	2.43
Maoris /4	9/'45	99	12/'50	119	3.50

Table 2. Additional Vital Rates /a /1

(Notes on page 324)

Country	Year	Rate per 1,000 Population			Infant Deaths per 1,000 Live Births
		Marriage	Birth	Death	
South America					
Chile	1950	7.9	32.4	15.7	-
Venezuela /b	1950	5.1	43.1	11.0	-
Europe					
Denmark	1950	9.1	18.6	9.2	-
France	1950	7.9	20.4	12.6	-

Table 2. Additional Vital Rates (Continued)

Country	Year	Rate per 1,000 Population			Infant Deaths per 1,000 Live Births
		Marriage	Birth	Death	
Europe (Cont.)					
Ireland	1950	5.4	21.0	12.6	-
Sweden	1950	7.7	-	-	-
United Kingdom					
England and Wales /c /2	1950	8.2	-	-	30
Asia					
Ceylon	1950	6.8	40.3	12.6	-
India /d	1950	-	25.9	16.5	-
Oceania					
Australia /e	1950	9.2	23.3	9.6	3/ 24
New Zealand					
Europeans	1950	9.2	-	-	-

NOTES TO TABLES 1 AND 2

Table 1. Additional Data on Population Growth

F/ De facto population; J/ De jure population.

a/ Presents only data received more recently than those given in Population Index 17(3). For more detailed information regarding coverage and qualifications of data, see Statistics Section of 17(3).

b/ Includes only those countries in which the last census was taken in 1920 or later and showed a population of 500,000 or more inhabitants.

c/ Computed on the assumption of constant rate of growth during the period.

d/ Total population residing in continental United States, excluding armed forces overseas. The census figure including an estimate for armed forces overseas is given as 151,132,000, and the comparable estimate for July 1, 1951, as 154,353,000.

e/ Rate applies to last intercensal period.

f/ Excluding tribal Indians, estimated at 100,600 in 1941.

g/ The census figure for the United Kingdom includes an estimate for Northern Ireland. All 1950 estimates include armed forces serving overseas and merchant seamen at sea.

h/ United States of Indonesia, established 1948.

i/ Including nomad Arabs, numbering approximately 49,320; excluding alien armed forces within the country and enemy prisoners of war.

j/ Excluding armed forces overseas, Allied armed forces in New Zealand, and prisoners of war.

1/ Unless otherwise noted, figures were taken from United Nations Statistical Office. Monthly Bulletin of Statistics 5(9):3-6. Sept., 1951; or Ibid. Statistical Papers, Series A, Vol. III, No. 1. March, 1951.

2/ U.S. Bureau of the Census. Current Population Reports. Series P-25, No. 53. Aug. 8, 1951.

3/ United Kingdom. Central Statistical Office. Monthly Digest of Statistics, No. 67, p. 1. July, 1951.

4/ New Zealand. Census and Statistics Department. Population Census, 1945. Vol. I, p. 1; Ibid. Monthly Abstract of Statistics, June, 1951, p. 8.

Table 2. Additional Vital Rates

a/ Presents only data received more recently than those given in Population Index 17(3).

b/ Excluding jungle population.

c/ Population base excludes armed forces overseas.

d/ Registration area only.
e/ Excluding full-blooded aboriginals.

1/ Unless otherwise noted, figures were taken from United Nations Statistical Office. Monthly Bulletin of Statistics 5(9):7-12. Sept., 1951.

2/ England and Wales. General Register Office. Quarterly Return, No. 409. First Quarter 1951. P. 7.

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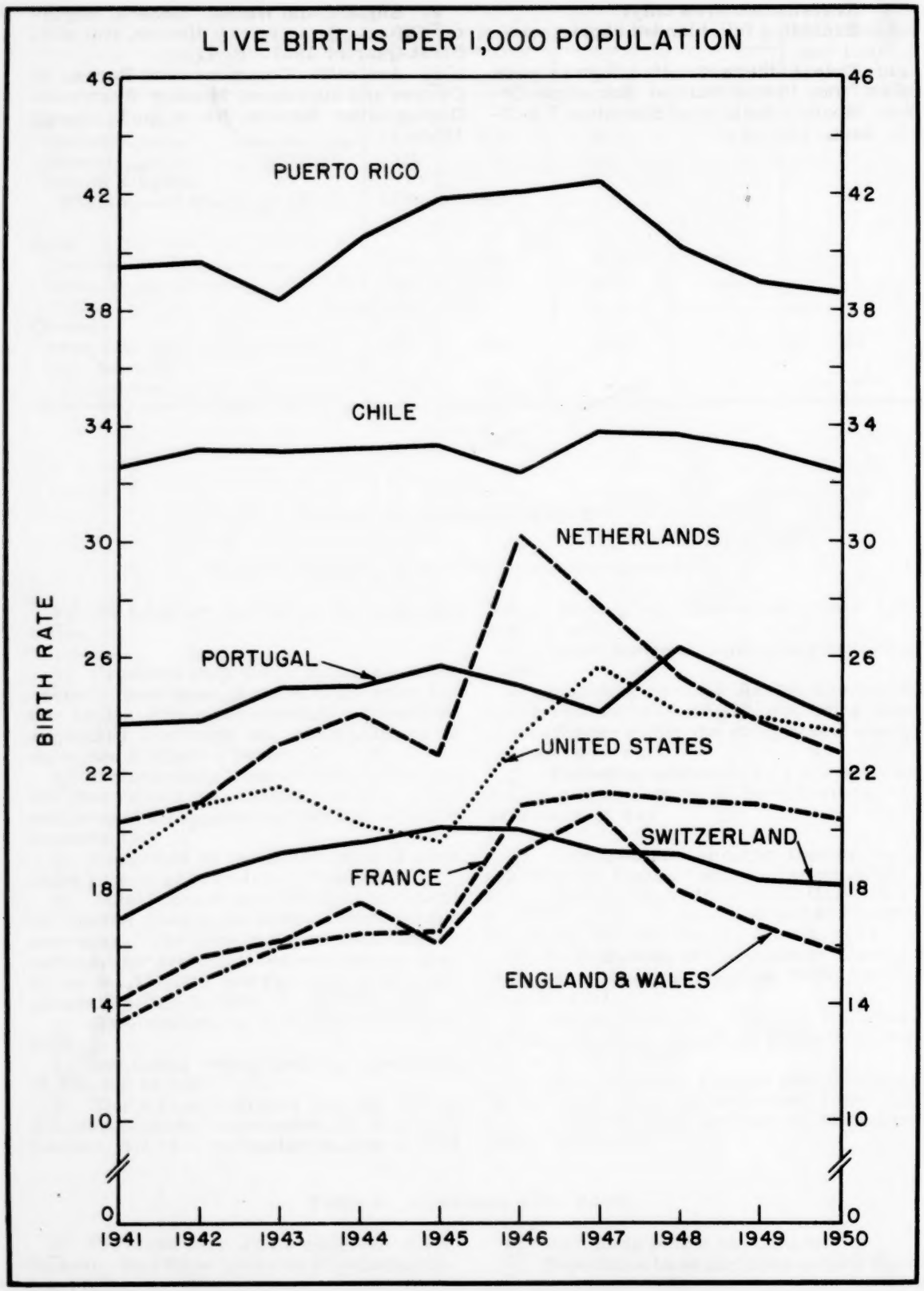
LIVE BIRTHS PER 1,000 POPULATION
BIRTH RATE
46
42
38
34
30
26
22
18
14
10
0
PUERTO RICO
CHILE
NETHERLANDS
PORTUGAL
UNITED STATES
SWITZERLAND
FRANCE
ENGLAND & WALES
1941
1942
1943
1944
1945
1946
1947
1948
1949
1950

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POPULATION INDEX

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